

2

THERMOPLASTIC & BRASS COUPLINGS

Thermoplastic quick disconnect couplings offer a compact size, high flow capacity, and a lightweight design to serve various applications in the industrial process and science markets. They allow for quick, one-hand connection and disconnection, making fluid handling safe and easy.

CPC

			
46 Table of Contents	49 NS1 Series Non-Spill	50 NS212 Series Non-Spill	51 NS4 Series Non-Spill ABS

CPC

			
52 NS4 Series Non-Spill Polypropylene	54 NS6 Series Non-Spill	55 NSH Series	56 Everis™ PLQ2 Series

CPC

			
56 Everis™ PLQ4 Series	57 Everis™ BLQ2 Series	57 Everis™ BLQ4 Series	58 Everis™ BLQ6 Series

CPC

			
59 Everis™ LQ2 Series	60 Everis™ LQ4 Series	62 Everis™ LQ6 Series	64 SMC Series

CPC

			
66 PMC Series	68 PMC12 Series	71 Fuel Line Couplings	72 PLC Series

THERMOPLASTIC & BRASS COUPLINGS



74 PLC12 Series	76 APC Series	78 EFC12 Series	79 FFC35 Series	80 HFC12 Series
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82 HFC35 Series	84 HFC57 Series	86 MC Series	88 LC Series	90 Twin Tube™ Series
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91 Sixtube™ Series	92 Tentube™ Series	94 Multi-Mount Series	96 DTLD Series	96 DPC Series
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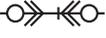
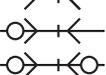
97 Puncture Seal Series	98 Universal Dispensing Series	99 BQ45GL Series	100 Fittings & Accessories	101 Tube & Luer Fittings
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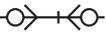
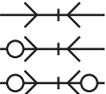
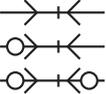
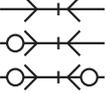
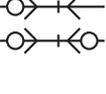
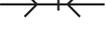
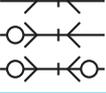
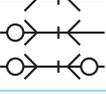
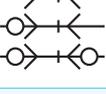
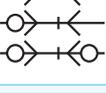
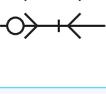


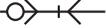
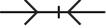
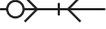
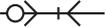
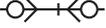
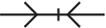
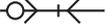
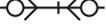
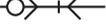
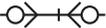
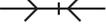
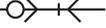
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Check Valves &
HDPE In-Line Filters

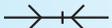
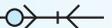
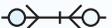


106 Modified Products, Panel Mount Dimensions	107 Material Options
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	<p>49 NS1: Smallest plastic non-spill coupling features enable secure connection & drip free disconnect Material: Glass filled polypropylene, PEEK®, polypropylene Tubing ID Sizes: Microbore to 1/8" (microbore to 3.2 mm)</p>	
	<p>50 NS212: Twist to connect design features non-spill valves designed to provide fast, safe & virtually leak free fluid line connections Material: Glass filled polypropylene Tubing ID Sizes: 1/8" to 1/4" (3.2 mm to 6.4 mm)</p>	
	<p>51 NS4: Non-spill coupling that virtually eliminates spills, minimises downtime & enhances operator safety Material: ABS/Glass filled polypropylene Tubing ID Sizes: 1/8" to 3/8" (3.2 mm to 9.5 mm)</p>	
	<p>54 NS6: Durable, yet lightweight construction that features non-spill valves & is compatible with many chemicals Material: Glass filled polypropylene Tubing ID Sizes: 3/8" to 1/2" (9.5 mm to 12.7 mm)</p>	
	<p>55 NSH: Pressure balanced non-spill design with 100% metal free, spring free flow path Material: Glass filled polypropylene Tubing ID Sizes: 3/8" to 3/4" (9.5 mm to 19.0 mm)</p>	
	<p>57 Everis™ BLQ2: Ultra reliable, driplless connections & disconnections that protect valuable electronics Material: Chrome plated brass Tubing ID Sizes: 1/4" SAE-4</p>	
	<p>57 Everis™ BLQ4: Ultra reliable, driplless connections & disconnections that protect valuable electronics Material: Chrome plated brass Tubing ID Sizes: 1/2" SAE-8, 3/8" SAE-6</p>	
	<p>58 Everis™ BLQ6: Ultra reliable, driplless connections & disconnections that protect valuable electronics Material: Anodised aluminium Tubing ID Sizes: 1/2", 3/8" SAE-6</p>	
	<p>59 Everis™ LQ2: Liquid cooling non-spill coupling guarantees a secure, reliable connection & driplless disconnect Material: Chrome plated brass Tubing ID Sizes: 1/4" (6.4 mm ID)</p>	
	<p>60 Everis™ LQ4: Liquid cooling non-spill coupling guarantees a secure, reliable connection & driplless disconnect Material: Chrome plated brass Tubing ID Sizes: 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p>62 Everis™ LQ6: Liquid cooling non-spill coupling guarantees a secure, reliable connection & driplless disconnect Material: Chrome plated brass Tubing ID Sizes: 3/8" to 1/2" ID (9.5 mm to 12.7 mm ID)</p>	
	<p>64 SMC & SMF1: Twist to connect design provides a reliable & secure alternative to luer type connections Material: Acetal, polypropylene, polycarbonate, ABS, chrome plated brass Tubing ID Sizes: 1/16" to 1/8" (1.6 mm to 3.2 mm)</p>	
	<p>66 PMC: Features one hand connection & disconnection & integral terminations; easier to use than ball & sleeve designs Material: Acetal Tubing ID Sizes: 1/16" to 1/4" (1.6 mm to 6.4 mm)</p>	

	<p>68 PMC12: Offered with a variety of configurations & chemical resistance for demanding applications; gamma sterilisable Material: Polypropylene Tubing ID Sizes: Microbore to 1/4" (microbore to 6.4 mm)</p>	
	<p>71 Fuel Line: Available in acetal or chrome plated brass, the FKM seals are compatible with petrol Material: Acetal, or chrome plated brass Tubing ID Sizes: 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p>72 PLC: Widest selection of sizes & configurations offered; resistant to most mild chemical solutions Material: Acetal Tubing ID Sizes: 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p>74 PLC12: Materials of construction offer broad chemical resistance for demanding applications; gamma sterilisable Material: Polypropylene Tubing ID Sizes: 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p>76 APC: Features plastic thumb latch, fewer moving parts, & a smooth contoured design to deliver ease of use & excellent flow Material: Acetal Terminations: 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p>78 EFC12: High efficiency valve design provides high flow capability; bulkhead panel mount options facilitate tight seals against tank walls & drums Material: Polypropylene Tubing ID Sizes: 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p>79 FFC35: Features non-valved & unobstructed flow path to increase flow & minimise turbulence Material: Polysulfone Tubing ID Sizes: 3/4" (19 mm)</p>	
	<p>80 HFC12: Efficient valve design leads to high flow & exceptionally low spillage; shrouded thumb latch is easy to grip & simple to operate Material: Polypropylene Tubing ID Sizes: 3/8" to 3/4" (9.5 mm to 19 mm)</p>	
 <p>HFC35 pictured</p>	<p>82 HFC35 & 57: Withstands harsh environments & is offered with or without UV resistant materials to withstand harmful rays without affecting performance Material: Polysulfone (white), UV polysulfone (black) Tubing ID Sizes: 3/8" to 3/4" (9.5 mm to 19 mm)</p>	
	<p>86 MC: Durable & able to withstand higher pressure & temperature; easy one hand connection & disconnection Material: Chrome plated brass Tubing ID Sizes: 1/8" to 1/4" (3.2 mm to 6.4 mm)</p>	
	<p>88 LC: Durable & able to withstand higher pressure & temperature; easy one-hand connection & disconnection Material: Chrome plated brass Tubing ID Sizes: 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p>90 TwinTube™: One easy to use, quick disconnect for two separate non-valved flow paths Material: Acetal, ABS Tubing ID Sizes: 1/16" to 1/8" (1.6 mm to 3.2 mm)</p>	
	<p>91 SixTube™: Snap-in panel mount design & flexibility to connect & disconnect six separate lines with or without valves Material: Acetal, polypropylene Tubing ID Sizes: 1/16" to 1/8" (1.6 mm to 3.2 mm)</p>	

	<p>92 TenTube™: Allows connection & disconnection of up to 10 lines with one slide latch; tubing orientation ensured by physical keying Material: Acetal, polypropylene Tubing ID Sizes: 1/16" to 1/8" (1.6 mm to 3.2 mm)</p>	 
	<p>94 Multi-Mount: Connects three to five lines at once; keyed to prevent mismatched connections Material: Acetal, chrome plated brass Tubing ID Sizes: 1/8" to 3/8" (3.2 mm to 9.5 mm)</p>	  
	<p>96 DTL D: Dual flow couplings for independent or simultaneous connections of loose tube sets Compatible with all PLC, PLC12 & LC Series inserts Material: ABS Tubing ID Sizes: 1/4" to 3/8" ID (6.4 mm to 9.5 mm ID)</p>	 
	<p>96 DPC: Dual port connection in a contoured design for simultaneous connections & disconnections where two fluid lines are required Material: Acetal Tubing ID Sizes: 1/4" to 3/8" ID (6.4 mm to 9.5 mm ID)</p>	  
	<p>97 Puncture Seal: Provides closed connection to Hedwin Cubitainer® bag in box container systems Material: Polypropylene (coupling) & polyethylene (cap) Tubing ID Sizes: 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	 
	<p>98 UDC: Provides closed connection to bag in box packaging with 38 mm threaded necks Material: Polypropylene (coupling) & acetal (cap) Tubing ID Sizes: 1/4" to 3/8" (6.4 mm to 9.5 mm)</p>	
	<p>99 BQ45GL: Quick disconnect coupling or fitting integrated into a cap designed for 45 GL bottles Material: Polyethylene</p>	 
	<p>100 Fittings & Accessories</p>	
	<p>101 Tube Fittings</p>	

Symbol Guide			
			
Straight Through	Single Shut-Off	Double Shut-Off	Non-Spill



DESCRIPTION

The new NS1 Series couplings' compact, closed system design is packed full of features, including non-spill shut off valves that ensure drip free disconnection & eliminate the need to purge air from the system. The smallest plastic non-spill coupling on the market, NS1 is perfect for applications with tubing from 1/8 inch down to microbore. Its rotating design allows tubing to move freely without kinks. Ideal for applications that need to be connected & disconnected often, the ergonomic, user-friendly interface enables a secure, reliable connect & disconnect.

* Tubing size dependent on nut & ferrule used with 1/4-28. Please see page 70 for 1/4-28 UNF nuts & ferrules.

FEATURES

- Non-spill design
- Ultra low air inclusion
- Intuitive interface
- Rotating design
- Chemically resistant materials

BENEFITS

- Closed system for drip free disconnection
- Minimises contaminants, eliminates the need to purge air bubbles from the system
- User-friendly, ergonomic design enables a secure, reliable connection
- Allows tubing to move freely or relax without kinking or leaking
- Reliable strength & performance in a range of applications

SPECIFICATIONS

Main components	Glass filled polypropylene
Seal material	EPDM, FKM available
Springs	316 stainless steel, Hastelloy C available upon request
Lubricants	Krytox® PFPE (inert)
Working pressure	Vacuum to 15 psi (1 bar)
Operating temperature	0°C to 49°C (32°F to 120°F)
Spillage	<0.02 cc / disconnect



Min. quantities may apply – please ask at time of ordering

COUPLING BODIES

IN-LINE – VALVED UNF MALE



800

PART NUMBER	THREAD
cNS1D10042812	1/4-28 UNF

IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS1D170212	1/8"	3.2 mm

IN-LINE – VALVED UNF FEMALE



800

PART NUMBER	THREAD
cNS1D19042812	1/4-28 UNF

COUPLING INSERTS

IN-LINE – VALVED UNF MALE



800

PART NUMBER	THREAD
cNS1D24042812	1/4-28 UNF

IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS1D220212	1/8"	3.2 mm

IN-LINE – VALVED UNF FEMALE



800

PART NUMBER	THREAD
cNS1D26042812	1/4-28 UNF

ACCESSORIES

BULKHEAD O-RING



800

PART NUMBER	DESCRIPTION
c731303	Polypropylene panel mount O-ring

Do you also need?



1/4-28 UNF nuts & ferrules

Find it on page 70, section two

PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS1D420212	1/8"	3.2 mm

PANEL MOUNT – VALVED UNF FEMALE



800

PART NUMBER	THREAD
cNS1D48042812	1/4-28 UNF



FEATURES		BENEFITS	
<ul style="list-style-type: none"> Efficient, non-spill design Multiple seal Twist to connect locking system Compact design Ultra low air inclusion 		<ul style="list-style-type: none"> Disconnect under pressure with no spills Broad chemical compatibility for diverse applications Easy, non-spill connections in tight spaces High flow in a small connector Minimises contaminants, reduces the need to purge lines 	
SPECIFICATIONS			
Main components	Glass filled polypropylene		
Seal material	EPDM (FKM / Simriz® FFKM optional)		
Springs	316 stainless steel		
Working pressure	Vacuum to 45 psi (3.1 bar)		
Operating temperature	0°C to 49°C (32°F to 120°F)		
Spillage	<0.025 cc / disconnect		



Min. quantities may apply – please ask at time of ordering

COUPLING BODIES

PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD
cNS2D100212	1/8" NPT

COUPLING INSERTS

PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD
cNS2D240212	1/8" NPT

IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS2D170212	1/8"	3.2 mm
cNS2D170412	1/4"	6.4 mm

IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS2D220212	1/8"	3.2 mm
cNS2D220412	1/4"	6.4 mm

IN-LINE – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cNS2D130412	1/4"	0.17"	6.4 x 4.3 mm

IN-LINE – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cNS2D200412	1/4"	0.17"	6.4 x 4.3 mm

PANEL MOUNT – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cNS2D120412	1/4"	0.17"	6.4 x 4.3 mm

ACCESSORIES

GASKETS



800

PART NUMBER	DESCRIPTION
c1830300	NBR panel mount gasket

PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS2D160212	1/8"	3.2 mm
cNS2D160412	1/4"	6.4 mm





FEATURES	BENEFITS
<ul style="list-style-type: none"> • Non-spill design • Colour coding options • Easy to use thumb latch 	<ul style="list-style-type: none"> • Disconnect under pressure with no spills • Durable & compatible with many chemicals • One hand connection & disconnection • Instant visual differentiation of media lines
SPECIFICATIONS	
Main components	ABS
Seal material	EPDM, FKM optional
Springs	316 stainless steel
Lubricants	Krytox® PFPE (inert)
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	0°C to 71°C (32°F to 160°F)
Flow capacity	Cv 0.60
Spillage	<0.10 cc / disconnect



Min. quantities may apply – please ask at time of ordering

COUPLING BODIES

**PIPE THREAD – VALVED
NPT MALE**



800

PART NUMBER	THREAD
cNS4D100046	1/4" NPT

COUPLING INSERTS

**PIPE THREAD – VALVED
NPT MALE**



800

PART NUMBER	THREAD
cNS4D240046	1/4" NPT
cNS4D240406	1/4" BSPT

**IN-LINE – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS4D170046	1/4"	6.4 mm
cNS4D170066	3/8"	9.5 mm

**IN-LINE – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS4D220046	1/4"	6.4 mm
cNS4D220066	3/8"	9.5 mm

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cNS4D130066	3/8"	1/4"	9.5 x 6.4 mm

**PANEL MOUNT – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS4D420066	3/8"	9.5 mm

ACCESSORIES

GASKETS



800

PART NUMBER	DESCRIPTION
c1879800	EPDM panel mount gasket





FEATURES	BENEFITS
<ul style="list-style-type: none"> • Non-spill design • Colour coding options • Easy to use thumb latch 	<ul style="list-style-type: none"> • Disconnect under pressure with no spills • Instant visual differentiation of media lines • Durable & compatible with many chemicals • One hand connection & disconnection
SPECIFICATIONS	
Main components	Glass filled polypropylene
Seal material	EPDM, FKM optional
Springs	316 stainless steel
Lubricants	Krytox® PFPE (inert)
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	0°C to 71°C (32°F to 160°F)
Flow capacity	Cv 0.60
Spillage	<0.10 cc / disconnect



Min. quantities may apply – please ask at time of ordering

COUPLING BODIES

PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD
cNS4D10004	1/4" NPT

BSPT MALE

cNS4D10040	1/4" BSPT
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IN-LINE – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cNS4D13004	1/4"	0.17"	6.4 x 4.3 mm
cNS4D13006	3/8"	1/4"	9.5 x 6.4 mm

IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS4D17002	1/8"	3.2 mm
cNS4D17004	1/4"	6.4 mm
cNS4D17006	3/8"	9.5 mm

Do you also need?



EPDM gaskets

Find it on page 51, section two



Colour coded versions & other seal materials available.

Minimum order quantities will apply.

COUPLING INSERTS

PIPE THREAD – VALVED
NPT MALE



800

PART NUMBER	THREAD
cNS4D24004	1/4" NPT

BSPT MALE

cNS4D24040	1/4" BSPT
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PANEL MOUNT – VALVED
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS4D42002	1/8"	3.2 mm
cNS4D42004	1/4"	6.4 mm
cNS4D42006	3/8"	9.5 mm

IN-LINE – VALVED
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS4D22002	1/8"	3.2 mm
cNS4D22004	1/4"	6.4 mm
cNS4D22006	3/8"	9.5 mm

PANEL MOUNT ELBOW – VALVED
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS4D43004	1/4"	6.4 mm
cNS4D43006	3/8"	9.5 mm

IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cNS4D20004	1/4"	0.17"	6.4 x 4.3 mm
cNS4D20006	3/8"	1/4"	9.5 x 6.4 mm

ELBOW – VALVED
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS4D23004	1/4"	6.4 mm
cNS4D23006	3/8"	9.5 mm

PANEL MOUNT – VALVED
FERRULESS POLYTUBE
FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cNS4D40004	1/4"	0.17"	6.4 x 4.3 mm
cNS4D40006	3/8"	1/4"	9.5 x 6.4 mm



Colour coded versions also available. Minimum quantities will apply.

Do you also need?

PARKAIR®

Silicone tube

- Unreinforced & reinforced ranges available
- Ideal for food handling, beverage lines & laboratories
- FDA approved



Find it on page 671, section ten



FEATURES	BENEFITS
<ul style="list-style-type: none"> • Non-spill design • Colour coding options • Easy to use thumb latch 	<ul style="list-style-type: none"> • Disconnect under pressure with no spills • Instant visual differentiation of media lines • Durable & compatible with many chemicals • One hand connection & disconnection
SPECIFICATIONS	
Main components	Glass filled polypropylene
Seal material	EPDM, FKM optional
Springs	316 stainless steel
Lubricants	Krytox® PFPE (inert)
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	0°C to 71°C (32°F to 160°F)
Flow capacity	Cv 2.2
Spillage	<0.03 cc / disconnect @ 0 psi <0.30 cc / disconnect @ 120 psi



COUPLING BODIES

PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD
cNS6D10008	1/2" NPT

BSPT MALE

cNS6D10080	1/2" BSPT
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COUPLING INSERTS

PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD
cNS6D24008	1/2" NPT

BSPT MALE

cNS6D24080	1/2" BSPT
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IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS6D17006	3/8"	9.5 mm
cNS6D17008	1/2"	12.7 mm

IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS6D22006	3/8"	9.5 mm
cNS6D22008	1/2"	12.7 mm

IN-LINE – VALVED COMPRESSION



800

PART NUMBER	TUBE OD	METRIC EQ.
cNS6D13008	1/2"	12.7 mm

IN-LINE – VALVED COMPRESSION



800

PART NUMBER	TUBE OD	METRIC EQ.
cNS6D20008	1/2"	12.7 mm

ACCESSORIES

GASKETS

800

PART NUMBER	DESCRIPTION
c1884300	EPDM panel mount gasket
c1889600	FKM panel mount gasket

PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cNS6D42006	3/8"	9.5 mm
cNS6D42008	1/2"	12.7 mm



Colour coded versions also available. Minimum quantities will apply.

PANEL MOUNT – VALVED COMPRESSION



800

PART NUMBER	TUBE OD	METRIC EQ.
cNS6D40008	1/2"	12.7 mm



FEATURES	BENEFITS
<ul style="list-style-type: none"> All plastic flow path Non-spill design Easy to use thumb latch 	<ul style="list-style-type: none"> Disconnect under pressure with no spills High flow, low turbulence, no corrosion Durable & compatible with many chemicals
SPECIFICATIONS	
Main components	Glass filled polypropylene
Seal material	EPDM
Springs (non wetted)	316 stainless steel
Lubricants	Krytox® PFPE (inert)
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	0°C to 49°C (32°F to 120°F)
Flow capacity	Cv 3.0
Spillage	<0.10 cc / disconnect (reconnect)

Also available in PTFE / Kalrez – please ask for details



Min. quantities may apply – please ask at time of ordering

COUPLING BODIES

**IN-LINE – VALVED
NPT MALE**



800

PART NUMBER	THREAD
cNSHD10008	1/2" NPT
cNSHD10012	3/4" NPT

COUPLING INSERTS

**IN-LINE – VALVED
NPT MALE**



800

PART NUMBER	THREAD
cNSHD24008	1/2" NPT
cNSHD24012	3/4" NPT

BSPT MALE

cNSHD240060	3/8" BSPT
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**IN-LINE – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cNSHD17006	3/8"	9.5 mm
cNSHD17008	1/2"	12.7 mm
cNSHD17010	5/8"	15.9 mm
cNSHD17012	3/4"	19.0 mm

**IN-LINE – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cNSHD22006	3/8"	9.5 mm
cNSHD22008	1/2"	12.7 mm
cNSHD22010	5/8"	15.9 mm
cNSHD22012	3/4"	19.0 mm

**IN-LINE – VALVED
COMPRESSION**



800

PART NUMBER	TUBE OD	METRIC EQ.
cNSHD13006	3/8"	9.5 mm
cNSHD13008	1/2"	12.7 mm

**IN-LINE – VALVED
COMPRESSION**



800

PART NUMBER	TUBE OD	METRIC EQ.
cNSHD20006	3/8"	9.5 mm
cNSHD20008	1/2"	12.7 mm

**IN-LINE – VALVED
NPT FEMALE**



800

PART NUMBER	THREAD
cNSHD19006	3/8" NPT

**IN-LINE – VALVED
NPT FEMALE**



800

PART NUMBER	THREAD
cNSHD26006	3/8" NPT

ACCESSORIES

ACCESSORIES



800

PART NUMBER	DESCRIPTION
cNSHPMKIT12	Panel mount kit with panel seal
c1800700	Dust plug / cap for body or insert





CPC Everis™ PLQ2 & PLQ4 Series Connectors

Everis™ PLQ2 and PLQ4 Series liquid cooling connectors are designed to offer ultra-reliable and dripless connections and disconnections. These connectors are made of PPSU, a lightweight, high-performance thermoplastic not susceptible to galvanic corrosion. Additionally, they are rated UL94 V0 flame retardant, making them safe to use. With an ergonomic thumb latch, Everis™ PLQ2 and PLQ4 fittings are easy to use and specifically designed for liquid cooling electronics applications. They offer a high-flow capacity to optimise thermal management system performance. Everis™ PLQ2 and PLQ4 quick disconnects are equipped with CPC-developed valve technology designed for long-term use, guaranteeing no spill upon disconnect.

Features

- Made of high-performance PPSU material
- Non-spill valve design
- High flow-to-size ratio with low-pressure drop
- Ergonomic body and latch design
- Audible click upon connection
- Barbed and threaded termination options
- Robust product testing (product tested to 10,000 cycles), dimensional stability

Benefits

- Lightweight, durable and chemically compatible with widely used liquid cooling fluids and UL94 V0 flame retardant
- No drips during connection or disconnection
- Increased cooling efficiency in small spaces
- Simple, intuitive one-handed operation
- Provides connection assurance
- Meets preferences for mounting or tubing connections
- High durability and reliability in long-use applications
- PLQ2 series interchange with LQ2, PLQ4 series interchange with LQ4

Don't hesitate to get in touch with your distributor for further details.

WARNING: Pressure, temperature, chemicals, and operating environment can impact coupling performance. Customers must test CPC's products in their application.



PRESSURE

Vacuum to 8.3 bar (120 psi)

OPERATING TEMPERATURE

PLQ2: -17°C to +115°C (0°F to 240°F)

PLQ4: -17°C to +85°C (0°F to 185°F)

MATERIALS

Main Components: Polyphenylsulfone PPSU

Valves & Thumb latch: PPSU

Valve Springs (wetted): Stainless steel

External spring: Stainless steel

Seals: EPDM

Seal Spacer: PTFE

Compliance: RoHS, REACH

COLOUR

Matt black with cool blue or warm red

TUBING SIZES

PLQ2: 1/4" ID (6.4 mm ID)

PLQ4: 1/4" to 3/8" ID (6.4 mm to 9.5 mm ID)

LUBRICANTS

Krytox® PFPE

SPILLAGE

PLQ2: <0.015 cc per disconnect at 0 bar

<0.063 cc per disconnect rated at 13.8 bar

PLQ4: <0.025 cc per disconnect at 0 bar

<0.055 cc per disconnect at 8.3 bar

FLOW COEFFICIENT

PLQ2: Cv ~ 0.37 (0.3 Kv)

PLQ4: Cv ~ 1.37 (1.1 Kv)



FEATURES	BENEFITS
<ul style="list-style-type: none"> • Non-spill design • Redundant sealing when connected • Friction-free valve • Ruggedness • Axial engagement tolerance 	<ul style="list-style-type: none"> • Disconnect under pressure with no spills • Extra protection from leaks • Valving system designed for extended periods in connected state • Able to withstand long term, repeated use • Valves designed to allow full flow even when not fully engaged
SPECIFICATIONS	
Pressure	BLQ2: vacuum to 200 psi (13.8 bar) BLQ4: vacuum to 120 psi (8.3 bar)
Temperature	-17°C to +115°C (0°F to 240°F)
MATERIALS	
Main housing components	Chrome plated brass
Valves	Polysulfone
Valve springs (wetted)	Stainless steel
Seals	EPDM


BLQ2 COUPLING BODIES

**IN-LINE – VALVED
SAE MALE**

800

PART NUMBER	THREAD
cBLQ2D3004	1/4" SAE-4

BLQ2 COUPLING INSERTS

**IN-LINE – VALVED
SAE MALE**

800

PART NUMBER	THREAD
cBLQ2D4604	1/4" SAE-4

BLQ4 COUPLING BODIES

New Additions


**IN-LINE – VALVED
SAE MALE**

800

PART NUMBER	THREAD
cBLQ4D30004	1/4" SAE-4
cBLQ4D30006	3/8" SAE-6
cBLQ4D30008	1/2" SAE-8

BLQ4 COUPLING INSERTS

New Additions


**IN-LINE – VALVED
SAE MALE**

800

PART NUMBER	THREAD
cBLQ4D46004	1/4" SAE-4
cBLQ4D46006	3/8" SAE-6

New


**IN-LINE – VALVED
BSPP MALE**

800

PART NUMBER	THREAD
cBLQ4D31004	1/4" BSPP
cBLQ4D31006	3/8" BSPP

New


**IN-LINE – VALVED
BSPP MALE**

800

PART NUMBER	THREAD
cBLQ4D47004	1/4" BSPP
cBLQ4D47006	3/8" BSPP

FEATURES

- Non-spill design
- Redundant sealing when connected
- Friction-free valve
- Ruggedness
- Axial engagement tolerance

BENEFITS

- Disconnect under pressure with no spills
- Extra protection from leaks
- Valving system designed for extended periods in connected state
- Able to withstand long term, repeated use
- Valves designed to allow full flow even when not fully engaged

SPECIFICATIONS

Pressure	Vacuum to 120 psi (8.3 bar)
Temperature	-17°C to +115°C (0°F to 240°F)

MATERIALS

Main housing components	Anodised aluminium
Valves	Polysulfone
Valve springs (wetted)	Stainless steel
Seals	EPDM


COUPLING BODIES
**IN-LINE – VALVED
BSPP MALE**


800

PART NUMBER	THREAD
cBLQ6D31008	1/2" BSPP

COUPLING INSERTS
**IN-LINE – VALVED
BSPP MALE**


800

PART NUMBER	THREAD
cBLQ6D47008	1/2" BSPP

**IN-LINE – VALVED
SAE MALE**


800

PART NUMBER	THREAD
cBLQ6D30006	3/8" SAE-6

**IN-LINE – VALVED
SAE MALE**


800

PART NUMBER	THREAD
cBLQ6D46006	3/8" SAE-6

ACCESSORIES

PANEL MOUNT KIT
SPRING & RETAINER RING ONLY


800

PART NUMBER	PANEL THICKNESS
cBLQ6PMKIT	0.075" to 0.175"

 Panel hole size: $\varnothing 0.790" \pm 0.005"$



FEATURES	BENEFITS
<ul style="list-style-type: none"> • Colour coded thumb latch • High flow capacity • Redundant multilobed seals • Locking hose barb 	<ul style="list-style-type: none"> • Simple, intuitive one hand operation with visual difference in cooling lines • Cost effective fluid handling system • Protection against leakage & ability to withstand extended periods of connection • Quality connection with reinforced tubing used in liquid cooling applications

SPECIFICATIONS	
Pressure	Vacuum to 200 psi (13.8 bar)
Temperature	-17°C to +115°C (0°F to 240°F)
MATERIALS	
Main components	Chrome plated brass
Valves & thumb latch	Polysulfone
Valve springs (wetted)	Stainless steel
External springs & pin	Stainless steel
Seals	EPDM



COUPLING BODIES

SWIVEL IN-LINE – VALVED
SAE MALE – BLUE



800

PART NUMBER	THREAD
cLQ2D3004BLU	1/4" SAE-4

BSPP MALE – BLUE

cLQ2D3102BLU	1/8" BSPP
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SWIVEL IN-LINE – VALVED
HOSE BARB – BLUE



800

PART NUMBER	TUBE ID
cLQ2D1704LBLU	1/4"

SWIVEL ELBOW – VALVED
HOSE BARB – BLUE



800

PART NUMBER	TUBE ID
cLQ2D3304LBLU	1/4"

SWIVEL IN-LINE – VALVED
SAE MALE – RED



800

PART NUMBER	THREAD
cLQ2D3004RED	1/4" SAE-4

BSPP MALE – RED

cLQ2D3102RED	1/8" BSPP
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SWIVEL IN-LINE – VALVED
HOSE BARB – RED



800

PART NUMBER	TUBE ID
cLQ2D1704LRED	1/4"

SWIVEL ELBOW – VALVED
HOSE BARB – RED



800

PART NUMBER	TUBE ID
cLQ2D3304LRED	1/4"

COUPLING INSERTS

IN-LINE – VALVED
SAE MALE – BLUE



800

PART NUMBER	THREAD
cLQ2D4604BLU	1/4" SAE-4

BSPP MALE – BLUE

cLQ2D4702BLU	1/8" BSPP
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IN-LINE – VALVED
HOSE BARB – BLUE



800

PART NUMBER	TUBE ID
cLQ2D2204LBLU	1/4"

ELBOW – VALVED
HOSE BARB – BLUE



800

PART NUMBER	TUBE ID
cLQ2D2304LBLU	1/4"

IN-LINE – VALVED
SAE MALE – RED



800

PART NUMBER	THREAD
cLQ2D4604RED	1/4" SAE-4

BSPP MALE – RED

cLQ2D4702RED	1/8" BSPP
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IN-LINE – VALVED
HOSE BARB – RED



800

PART NUMBER	TUBE ID
cLQ2D2204LRED	1/4"

ELBOW – VALVED
HOSE BARB – RED



800

PART NUMBER	TUBE ID
cLQ2D2304LRED	1/4"

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Non-spill design • Redundant sealing when connected • Colour coding • Friction-free valve • Ruggedness • Rotation allows movement 	<ul style="list-style-type: none"> • Disconnect under pressure with no spills • Extra protection from leaks • Instant visual difference in cooling lines • Valving system designed for extended periods in connected state • Able to withstand long term, repeated use • Eliminates tube kinking
SPECIFICATIONS	
Pressure	Vacuum to 120 psi, 8.3 bar
Temperature	-17°C to +115°C (0°F to 240°F)
Spillage at 0 psi	0.025 cc / disconnect
Spillage at 120 psi	0.055 cc / disconnect
Main components	Chrome plated brass
Seal materials	EPDM
Spring	Stainless steel
Maximum flow at disconnect	3 gal/min, 11.3 l/min


COUPLING BODIES
**PIPE THREAD – VALVED
NPT MALE – BLUE**


800

PART NUMBER	THREAD
cLQ4D10004BLU	1/4" NPT
cLQ4D10006BLU	3/8" NPT

**PIPE THREAD – VALVED
NPT MALE – RED**


800

PART NUMBER	THREAD
cLQ4D10004RED	1/4" NPT
cLQ4D10006RED	3/8" NPT

**IN-LINE – VALVED
BSPP MALE – BLUE**


800

PART NUMBER	THREAD
cLQ4D31004BLU	1/4" BSPP
cLQ4D31006BLU	3/8" BSPP

**IN-LINE – VALVED
BSPP MALE – RED**


800

PART NUMBER	THREAD
cLQ4D31004RED	1/4" BSPP
cLQ4D31006RED	3/8" BSPP

**IN-LINE – VALVED
HOSE BARB – BLUE**


800

PART NUMBER	TUBE ID	METRIC EQ.
cLQ4D17004BLU	1/4"	6.4 mm
cLQ4D17006BLU	3/8"	9.5 mm

**IN-LINE – VALVED
HOSE BARB – RED**


800

PART NUMBER	TUBE ID	METRIC EQ.
cLQ4D17004RED	1/4"	6.4 mm
cLQ4D17006RED	3/8"	9.5 mm

**IN-LINE – VALVED
SAE MALE – BLUE**


800

PART NUMBER	THREAD
cLQ4D30004BLU	1/4" SAE-4
cLQ4D30006BLU	3/8" SAE-6

**IN-LINE – VALVED
SAE MALE – RED**


800

PART NUMBER	THREAD
cLQ4D30004RED	1/4" SAE-4
cLQ4D30006RED	3/8" SAE-6

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF – BLUE**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cLQ4D13006BLU	3/8"	1/4"	9.5 x 6.4 mm

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF – RED**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cLQ4D13006RED	3/8"	1/4"	9.5 x 6.4 mm

COUPLING INSERTS
**PIPE THREAD – VALVED
NPT MALE – BLUE**


800

PART NUMBER	THREAD
cLQ4D24004BLU	1/4" NPT
cLQ4D24006BLU	3/8" NPT

**PIPE THREAD – VALVED
NPT MALE – RED**


800

PART NUMBER	THREAD
cLQ4D24004RED	1/4" NPT
cLQ4D24006RED	3/8" NPT

**IN-LINE – VALVED
BSPP MALE – BLUE**


800

PART NUMBER	THREAD
cLQ4D47004BLU	1/4" BSPP
cLQ4D47006BLU	3/8" BSPP

**IN-LINE – VALVED
BSPP MALE – RED**


800

PART NUMBER	THREAD
cLQ4D47004RED	1/4" BSPP
cLQ4D47006RED	3/8" BSPP

**IN-LINE – VALVED
HOSE BARB – BLUE**


800

PART NUMBER	TUBE ID	METRIC EQ.
cLQ4D22004BLU	1/4"	6.4 mm
cLQ4D22006BLU	3/8"	9.5 mm

**IN-LINE – VALVED
HOSE BARB – RED**


800

PART NUMBER	TUBE ID	METRIC EQ.
cLQ4D22004RED	1/4"	6.4 mm
cLQ4D22006RED	3/8"	9.5 mm

**IN-LINE – VALVED
SAE MALE – BLUE**


800

PART NUMBER	THREAD
cLQ4D46004BLU	1/4" SAE-4
cLQ4D46006BLU	3/8" SAE-6

**IN-LINE – VALVED
SAE MALE – RED**


800

PART NUMBER	THREAD
cLQ4D46004RED	1/4" SAE-4
cLQ4D46006RED	3/8" SAE-6

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF – BLUE**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cLQ4D20006BLU	3/8"	1/4"	9.5 x 6.4 mm

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF – RED**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cLQ4D20006RED	3/8"	1/4"	9.5 x 6.4 mm

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Non-spill design • Redundant sealing when connected • Colour coding • Friction-free valve • Ruggedness • Rotation allows movement 	<ul style="list-style-type: none"> • Disconnects under pressure with no spills • Extra protection from leaks • Instant visual difference in cooling lines • Valving system designed for extended periods of connect state • Able to withstand long term, repeated use • Eliminates tube kinking
SPECIFICATIONS	
Pressure	Vacuum to 120 psi, 8.3 bar
Temperature	-17°C to +115°C (0°F to 240°F)
Spillage at 0 psi	0.03 cc / disconnect
Spillage at 120 psi	0.03 cc / disconnect
Main components	Chrome plated brass
Seal materials	EPDM
Spring	Stainless steel
Maximum flow at disconnect	4 gal/min, 15.1 l/min


COUPLING BODIES
**PIPE THREAD – VALVED
NPT MALE – BLUE**


800

PART NUMBER	THREAD
cLQ6D10006BLU	3/8" NPT

**PIPE THREAD – VALVED
NPT MALE – RED**


800

PART NUMBER	THREAD
cLQ6D10006RED	3/8" NPT

**IN-LINE – VALVED
BSPP MALE – BLUE**


800

PART NUMBER	THREAD
cLQ6D31006BLU	3/8" BSPP
cLQ6D31008BLU	1/2" BSPP

**IN-LINE – VALVED
BSPP MALE – RED**


800

PART NUMBER	THREAD
cLQ6D31006RED	3/8" BSPP
cLQ6D31008RED	1/2" BSPP

**IN-LINE – VALVED
HOSE BARB – BLUE**


800

PART NUMBER	TUBE ID	METRIC EQ.
cLQ6D17006BLU	3/8"	9.5 mm
cLQ6D17008BLU	1/2"	12.7 mm

**IN-LINE – VALVED
HOSE BARB – RED**


800

PART NUMBER	TUBE ID	METRIC EQ.
cLQ6D17006RED	3/8"	9.5 mm
cLQ6D17008RED	1/2"	12.7 mm

**IN-LINE – VALVED
SAE MALE – BLUE**


800

PART NUMBER	THREAD
cLQ6D30006BLU	3/8" SAE-6
cLQ6D30008BLU	1/2" SAE-8

**IN-LINE – VALVED
SAE MALE – RED**


800

PART NUMBER	THREAD
cLQ6D30006RED	3/8" SAE-6
cLQ6D30008RED	1/2" SAE-8

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF – BLUE**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cLQ6D13008BLU	1/2"	3/8"	12.7 x 9.5 mm

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF – RED**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cLQ6D13008RED	1/2"	3/8"	12.7 x 9.5 mm

COUPLING INSERTS
**PIPE THREAD – VALVED
NPT MALE – BLUE**


800

PART NUMBER	THREAD
cLQ6D24006BLU	3/8" NPT

**PIPE THREAD – VALVED
NPT MALE – RED**


800

PART NUMBER	THREAD
cLQ6D24006RED	3/8" NPT

**IN-LINE – VALVED
BSPP MALE – BLUE**


800

PART NUMBER	THREAD
cLQ6D47006BLU	3/8" BSPP
cLQ6D47008BLU	1/2" BSPP

**IN-LINE – VALVED
BSPP MALE – RED**


800

PART NUMBER	THREAD
cLQ6D47006RED	3/8" BSPP
cLQ6D47008RED	1/2" BSPP

**IN-LINE – VALVED
HOSE BARB – BLUE**


800

PART NUMBER	TUBE ID	METRIC EQ.
cLQ6D22006BLU	3/8"	9.5 mm
cLQ6D22008BLU	1/2"	12.7 mm

**IN-LINE – VALVED
HOSE BARB – RED**


800

PART NUMBER	TUBE ID	METRIC EQ.
cLQ6D22006RED	3/8"	9.5 mm
cLQ6D22008RED	1/2"	12.7 mm

**IN-LINE – VALVED
SAE MALE – BLUE**


800

PART NUMBER	THREAD
cLQ6D46006BLU	3/8" SAE-6
cLQ6D46008BLU	1/2" SAE-8

**IN-LINE – VALVED
SAE MALE – RED**


800

PART NUMBER	THREAD
cLQ6D46006RED	3/8" SAE-6
cLQ6D46008RED	1/2" SAE-8

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF – BLUE**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cLQ6D20008BLU	1/2"	3/8"	12.7 x 9.5 mm

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF – RED**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cLQ6D20008RED	1/2"	3/8"	12.7 x 9.5 mm



FEATURES	BENEFITS
<ul style="list-style-type: none"> • Twist to connect • Free coupling rotation • Patented hose barb shroud • Available in medical grade ABS • SMF1 range disposable bodies 	<ul style="list-style-type: none"> • Prevents accidental disconnection • Eliminates kinked tubing • Protects fragile 1/16" hose barb • Gamma sterilisable – not all materials; please ask for details

Acetal fittings also available in black
Please ask your distributor for details



SPECIFICATIONS	Acetal	Polypropylene	Polycarbonate	Chrome plated brass	ABS
Locking sleeve	Acetal	Acetal	Polycarbonate	Acetal	Acetal
Valves	Acetal	Acetal	–	Acetal	–
Valve spring	316 stainless steel	316 stainless steel	–	316 stainless steel	–
Seal material	NBR	EPDM	NBR class V	NBR	–
Working pressure	Vacuum to 100 psi (6.9 bar)	Vacuum to 100 psi (6.9 bar)	Vacuum to 100 psi (6.9 bar)	Vacuum to 100 psi (6.9 bar)	Vacuum to 100 psi (6.9 bar)
Operating temperature	-40°C to +82°C (-40°F to +180°F)	0°C to 82°C (32°F to 180°F)	-40°C to +121°C (-40°F to +250°F)	-40°C to +82°C (-40°F to +180°F)	-40°C to +71°C (-40°F to +160°F)

COUPLING BODIES

PIPE THREAD – VALVED
NPT MALE – ACETAL



800

PART NUMBER	THREAD
cSMPTD-02	1/8" NPT

PIPE THREAD – UNVALVED
NPT MALE – ACETAL

cSMPT-02	1/8" NPT
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PIPE THREAD – UNVALVED
NPT MALE – POLYPROPYLENE

cSMPT-02-12	1/8" NPT
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IN-LINE – VALVED
HOSE BARB – ACETAL



800

PART NUMBER	TUBE ID	METRIC EQ.
cSMFD-01	1/16"	1.6 mm
cSMFD-M3	–	3 mm
cSMFD-02	1/8"	3.2 mm

IN-LINE – UNVALVED
HOSE BARB – ACETAL

cSMF-01	1/16"	1.6 mm
cSMF-M3	–	3 mm
cSMF-02	1/8"	3.2 mm

IN-LINE – UNVALVED
HOSE BARB – POLYPROPYLENE

cSMF-01-12	1/16"	1.6 mm
cSMF-02-12	1/8"	3.2 mm

PANEL MOUNT – VALVED
HOSE BARB – ACETAL



800

PART NUMBER	TUBE ID	METRIC EQ.
cSMFPM-01	1/16"	1.6 mm
cSMFPM-M3	–	3 mm
cSMFPM-02	1/8"	3.2 mm

PANEL MOUNT – UNVALVED
HOSE BARB – ACETAL

cSMFPM-01	1/16"	1.6 mm
cSMFPM-M3	–	3 mm
cSMFPM-02	1/8"	3.2 mm

PANEL MOUNT – UNVALVED
HOSE BARB – POLYPROPYLENE

cSMFPM-0112	1/16"	1.6 mm
cSMFPM-0212	1/8"	3.2 mm

IN-LINE – UNVALVED
HOSE BARB – POLYCARBONATE



800

PART NUMBER	TUBE ID	METRIC EQ.
cSMF-01-91	1/16"	1.6 mm
cSMF-02-91	1/8"	3.2 mm

Intelligent fluid connections also available. RFID-enabled IdentiQuik® SMC series utilises RFID technology to identify device type or connected media, verify line connection accuracy or capture fluid & product data. Please contact your distributor for more details.

COUPLING INSERTS

**IN-LINE – UNVALVED
HOSE BARB – ACETAL**



PART NUMBER	TUBE ID	METRIC EQ.
cSMM-01	1/16"	1.6 mm
cSMM-M3	–	3 mm
cSMM-M5	–	5 mm
cSMM-02	1/8"	3.2 mm

**PANEL MOUNT – UNVALVED
HOSE BARB – ACETAL**



PART NUMBER	TUBE ID	METRIC EQ.
cSMMPM-01	1/16"	1.6 mm
cSMMPM-M3	–	3 mm
cSMMPM-02	1/8"	3.2 mm

**IN-LINE – UNVALVED
HOSE BARB – POLYPROPYLENE**

PART NUMBER	TUBE ID	METRIC EQ.
cSMM-01-12	1/16"	1.6 mm
cSMM-02-12	1/8"	3.2 mm

**PANEL MOUNT – UNVALVED
HOSE BARB – POLYPROPYLENE**

PART NUMBER	TUBE ID	METRIC EQ.
cSMMPM-0112	1/16"	1.6 mm
cSMMPM-0212	1/8"	3.2 mm

**IN-LINE – UNVALVED
HOSE BARB – POLYCARBONATE**



PART NUMBER	TUBE ID	METRIC EQ.
cSMM-01-91	1/16"	1.6 mm
cSMM-02-91	1/8"	3.2 mm



SMC COMPLETE IN-LINE COUPLINGS

**IN-LINE – VALVED
HOSE BARB – ACETAL**



PART NUMBER	TUBE ID	METRIC EQ.
cSMCD-01	1/16"	1.6 mm
cSMCD-M3	–	3 mm
cSMCD-02	1/8"	3.2 mm

SMF1 DISPOSABLE COUPLING BODIES

**IN-LINE – UNVALVED
HOSE BARB – ABS**



PART NUMBER	TUBE ID	METRIC EQ.
cSMF-10297	1/8"	3.2 mm

**IN-LINE – UNVALVED
HOSE BARB – ACETAL**

PART NUMBER	TUBE ID	METRIC EQ.
cSMC-01	1/16"	1.6 mm
cSMC-02	1/8"	3.2 mm

**IN-LINE – UNVALVED
HOSE BARB – BLACK ABS**



PART NUMBER	TUBE ID	METRIC EQ.
cSMF-10297B	1/8"	3.2 mm

**IN-LINE – UNVALVED
HOSE BARB – POLYPROPYLENE**

PART NUMBER	TUBE ID	METRIC EQ.
cSMC-01-12	1/16"	1.6 mm
cSMC-02-12	1/8"	3.2 mm



FEATURES	BENEFITS
<ul style="list-style-type: none"> • Integral terminations • Clicks when connected • Compatibility • CPC thumb latch 	<ul style="list-style-type: none"> • Fewer leak points, shorter assemblies, faster installations • Assurance of a reliable connection • Mates with MC & PMC12 Series couplings • One hand connection & disconnection
SPECIFICATIONS	
Bodies & valves	Acetal
Internal spring	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	NBR
Colour	Natural white
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	-40°C to +82°C (-40°F to +180°F)



Min. quantities may apply – please ask at time of ordering

COUPLING BODIES

PIPE THREAD – VALVED

NPT MALE



800

PART NUMBER	THREAD
cPMCD10-02	1/8" NPT
cPMCD10-04	1/4" NPT

BSPT MALE

cPMCD10-020	1/8" BSPT
cPMCD10-040	1/4" BSPT

UNVALVED

NPT MALE

cPMC10-02	1/8" NPT
cPMC10-04	1/4" NPT

BSPT MALE

cPMC10-020	1/8" BSPT
cPMC10-040	1/4" BSPT

IN-LINE – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cPMCD17-01	1/16"	1.6 mm
cPMCD17-02	1/8"	3.2 mm
cPMCD17-03	3/16"	4.8 mm
cPMCD17-04	1/4"	6.4 mm

UNVALVED

cPMC17-01	1/16"	1.6 mm
cPMC17-02	1/8"	3.2 mm
cPMC17-03	3/16"	4.8 mm
cPMC17-04	1/4"	6.4 mm

IN-LINE – VALVED

FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPMCD13-M42	–	–	4 x 2 mm
cPMCD13-025	5/32"	0.10"	4 x 2.5 mm
cPMCD13-04	1/4"	0.17"	6.4 x 4.3 mm

UNVALVED

cPMC13-M42	–	–	4 x 2 mm
cPMC13-025	5/32"	0.10"	4 x 2.5 mm
cPMC13-04	1/4"	0.17"	6.4 x 4.3 mm

Also available NSF listed

IN-LINE – VALVED

UNF FEMALE



800

PART NUMBER	THREAD
cPMCD19-1032	10-32 UNF

UNVALVED

cPMC19-1032	10-32 UNF
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PANEL MOUNT – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cPMCD16-01	1/16"	1.6 mm
cPMCD16-02	1/8"	3.2 mm
cPMCD16-03	3/16"	4.8 mm
cPMCD16-04	1/4"	6.4 mm

UNVALVED

cPMC16-01	1/16"	1.6 mm
cPMC16-02	1/8"	3.2 mm
cPMC16-03	3/16"	4.8 mm
cPMC16-04	1/4"	6.4 mm

PANEL MOUNT – VALVED

FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPMCD12-M42	–	–	4 x 2 mm
cPMCD12-025	5/32"	0.10"	4 x 2.5 mm
cPMCD12-04	1/4"	0.17"	6.4 x 4.3 mm

UNVALVED

cPMC12-M42	–	–	4 x 2 mm
cPMC12-025	5/32"	0.10"	4 x 2.5 mm
cPMC12-04	1/4"	0.17"	6.4 x 4.3 mm

PANEL MOUNT – VALVED

UNF FEMALE



800

PART NUMBER	THREAD
cPMCD18-1032	10-32 UNF

UNVALVED

cPMC18-1032	10-32 UNF
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COUPLING INSERTS

**PIPE THREAD – VALVED
NPT MALE**



800

PART NUMBER	THREAD
cPMCD24-02	1/8" NPT
cPMCD24-04	1/4" NPT

BSPT MALE

cPMCD24-020	1/8" BSPT
cPMCD24-040	1/4" BSPT

UNVALVED

NPT MALE

cPMC24-02	1/8" NPT
cPMC24-04	1/4" NPT

BSPT MALE

cPMC24-020	1/8" BSPT
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**IN-LINE – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPMCD22-01	1/16"	1.6 mm
cPMCD22-02	1/8"	3.2 mm
cPMCD22-03	3/16"	4.8 mm
cPMCD22-04	1/4"	6.4 mm

UNVALVED

cPMC22-01	1/16"	1.6 mm
cPMC22-02	1/8"	3.2 mm
cPMC22-03	3/16"	4.8 mm
cPMC22-04	1/4"	6.4 mm

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPMCD20-M42	–	–	4 x 2 mm
cPMCD20-025	5/32"	0.10"	4 x 2.5 mm
cPMCD20-04	1/4"	0.17"	6.4 x 4.3 mm
cPMCD20-06	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cPMC20-M42	–	–	4 x 2 mm
cPMC20-025	5/32"	0.10"	4 x 2.5 mm
cPMC20-04	1/4"	0.17"	6.4 x 4.3 mm
cPMC20-06	3/8"	0.25"	9.5 x 6.4 mm

**IN-LINE – VALVED
UNF FEMALE**



800

PART NUMBER	THREAD
cPMCD28-1032	10-32 UNF

UNVALVED

cPMC28-1032	10-32 UNF
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**PANEL MOUNT – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPMCD42-01	1/16"	1.6 mm
cPMCD42-02	1/8"	3.2 mm
cPMCD42-03	3/16"	4.8 mm
cPMCD42-04	1/4"	6.4 mm

UNVALVED

cPMC42-01	1/16"	1.6 mm
cPMC42-02	1/8"	3.2 mm
cPMC42-03	3/16"	4.8 mm
cPMC42-04	1/4"	6.4 mm

**PANEL MOUNT – VALVED
FERRULESS POLYTUBE
FITTING, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPMCD40-04	1/4"	0.17"	6.4 x 4.3 mm

UNVALVED

cPMC40-04	1/4"	0.17"	6.4 x 4.3 mm
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**ELBOW – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPMCD23-02	1/8"	3.2 mm
cPMCD23-04	1/4"	6.4 mm

UNVALVED

cPMC23-02	1/8"	3.2 mm
cPMC23-04	1/4"	6.4 mm

**ELBOW – VALVED
FERRULESS POLYTUBE
FITTING, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPMCD21-04	1/4"	0.17"	6.4 x 4.3 mm

UNVALVED

cPMC21-025	5/32"	0.10"	4 x 2.5 mm
cPMC21-04	1/4"	0.17"	6.4 x 4.3 mm

Colour coded versions also available. Minimum quantities will apply.

1/16" ID hose barbs are shrouded, all other sizes are unshrouded





FEATURES		BENEFITS	
<ul style="list-style-type: none"> • Polypropylene material • EPDM O-ring • CPC thumb latch • Integral terminations 		<ul style="list-style-type: none"> • Chemically resistant & gamma sterilisable • Greater chemical resistance • One hand connection & disconnection • Fewer leak points, shorter assemblies, faster installations 	
SPECIFICATIONS			
Bodies & valves	Polypropylene		
Internal spring	316 stainless steel		
External springs, pin, latch	Stainless steel		
Seal material	EPDM, others available		
Colour	Almond		
Working pressure	Vacuum to 120 psi (8.3 bar)		
Operating temperature	0°C to 71°C (32°F to 160°F)		



Min.quantities may apply – please ask at time of ordering

COUPLING BODIES

**PIPE THREAD – VALVED
NPT MALE**



800

PART NUMBER	THREAD
cPMCD100212	1/8" NPT
cPMCD100412	1/4" NPT

BSPT MALE

cPMCD102120	1/8" BSPT
cPMCD104120	1/4" BSPT

UNVALVED

NPT MALE

cPMC100212	1/8" NPT
cPMC100412	1/4" NPT

BSPT MALE

cPMC102120	1/8" BSPT
cPMC104120	1/4" BSPT

**PANEL MOUNT – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPMCD160112	1/16"	1.6 mm
cPMCD160212	1/8"	3.2 mm
cPMCD160412	1/4"	6.4 mm

UNVALVED

cPMC160112	1/16"	1.6 mm
cPMC160212	1/8"	3.2 mm
cPMC160412	1/4"	6.4 mm

**PANEL MOUNT – VALVED
FERRULESS POLYTUBE
FITTING, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPMCD120412	1/4"	0.17"	6.4 x 4.3 mm

UNVALVED

cPMC120412	1/4"	0.17"	6.4 x 4.3 mm
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**IN-LINE – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPMCD170112	1/16"	1.6 mm
cPMCD170212	1/8"	3.2 mm
cPMCD170412	1/4"	6.4 mm

UNVALVED

cPMC170112	1/16"	1.6 mm
cPMC170212	1/8"	3.2 mm
cPMC170412	1/4"	6.4 mm

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPMCD130412	1/4"	0.17"	6.4 x 4.3 mm

Colour coded versions also available. Minimum quantities will apply.

COUPLING INSERTS

**PIPE THREAD – VALVED
NPT MALE**



800

PART NUMBER	THREAD
cPMCD240212	1/8" NPT

UNVALVED

cPMC240212	1/8" NPT
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**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPMCD200412	1/4"	0.17"	6.4 x 4.3 mm

UNVALVED

cPMC200412	1/4"	0.17"	6.4 x 4.3 mm
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**IN-LINE – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPMCD220112	1/16"	1.6 mm
cPMCD220212	1/8"	3.2 mm
cPMCD220412	1/4"	6.4 mm

UNVALVED

cPMC220112	1/16"	1.6 mm
cPMC220212	1/8"	3.2 mm
cPMC220412	1/4"	6.4 mm

**ELBOW – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPMCD230212	1/8"	3.2 mm
cPMCD230412	1/4"	6.4 mm

UNVALVED

cPMC230212	1/8"	3.2 mm
cPMC230412	1/4"	6.4 mm

**PANEL MOUNT – VALVED
POLYPROPYLENE, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPMCD400412	1/4"	0.17"	6.4 x 4.3 mm

**PANEL MOUNT – VALVED
HOSE BARB – POLYPROPYLENE**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPMCD420112	1/16"	1.6 mm
cPMCD420212	1/8"	3.2 mm
cPMCD420412	1/4"	6.4 mm

UNVALVED

cPMC420212	1/8"	3.2 mm
cPMC420412	1/4"	6.4 mm

**ELBOW – VALVED
FERRULESS POLYTUBE
FITTING, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPMCD212512	5/32"	0.10"	4 x 2.5 mm
cPMCD210412	1/4"	0.17"	6.4 x 4.3 mm

UNVALVED

cPMC2102512	5/32"	0.10"	4 x 2.5 mm
cPMC210412	1/4"	0.17"	6.4 x 4.3 mm

1/16" ID hose barbs are shrouded, all other sizes are unshrouded

shrouded unshrouded



FEATURES	BENEFITS
<ul style="list-style-type: none"> • Polypropylene material • EPDM O-ring • CPC thumb latch • Integral terminations 	<ul style="list-style-type: none"> • Chemically resistant & gamma sterilisable • Greater chemical resistance • One hand connection & disconnection • Fewer leak points, shorter assemblies, faster installations
SPECIFICATIONS	
Bodies & valves	Polypropylene
Internal spring	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	EPDM, others available
Colour	Almond
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	0°C to 71°C (32°F to 160°F)



1/4-28 COUPLING BODIES

1/4-28 COUPLING INSERTS

**IN-LINE – VALVED
UNF FEMALE
FLAT BOTTOM PORT**



800

PART NUMBER	THREAD
cPMCD192812	1/4-28 UNF

**IN-LINE – VALVED
UNF MALE
FLAT BOTTOM PORT**



800

PART NUMBER	THREAD
cPMCD242812	1/4-28 UNF

UNVALVED

cPMC242812	1/4-28 UNF
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**PANEL MOUNT – VALVED
UNF FEMALE
FLAT BOTTOM PORT**



800

PART NUMBER	THREAD
cPMCD182812	1/4-28 UNF

**PANEL MOUNT – VALVED
UNF FEMALE
FLAT BOTTOM PORT**



800

PART NUMBER	THREAD
cPMCD482812	1/4-28 UNF

PMC12 ACCESSORIES

**NUTS
BLACK ACETAL**



800

PART NUMBER	TUBE ID	THREAD
c2419199	1/16" & 1.8 mm	1/4-28 UNF
c2419299	1/8" & 3.0 mm	1/4-28 UNF

NATURAL POLYPROPYLENE

c2418900	1/16" & 1.8 mm	1/4-28 UNF
c2419000	1/8" & 3.0 mm	1/4-28 UNF

Black acetal shown

FERRULES



800

PART NUMBER	TUBE ID	DESCRIPTION
c2419300	1/16"	ETFE (blue)
c2419400	1/8"	ETFE (yellow)



FEATURES	BENEFITS
<ul style="list-style-type: none"> Acetal & the FKM seals are compatible with petrol Thumb latch design Leak proof seal 	<ul style="list-style-type: none"> Operates in hostile environments One hand operation Positive, intuitive latching Faster tank removal Eliminates need for stopcock to shut off flow
SPECIFICATIONS	
Coupling – PLC Series	Acetal
Coupling – LC Series	Chrome plated brass
Thumb latch	301 stainless steel
Valves	Acetal
Valve springs	316 stainless steel
Seal material	FKM



THERMOPLASTIC COUPLING BODIES

**PIPE THREAD – VALVED
BSPT MALE**



800

PART NUMBER	THREAD
cPLCD10040V	1/4" BSPT

THERMOPLASTIC COUPLING INSERTS

**IN-LINE – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD22004V	1/4"	6.4 mm
cPLCD22005V	5/16"	7.9 mm
cPLCD22006V	3/8"	9.5 mm

**IN-LINE – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD17004V	1/4"	6.4 mm
cPLCD17005V	5/16"	7.9 mm
cPLCD17006V	3/8"	9.5 mm

**ELBOW – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD23004V	1/4"	6.4 mm
cPLCD23006V	3/8"	9.5 mm

BRASS COUPLING BODIES

**PIPE THREAD – VALVED
BSPT MALE**



800

PART NUMBER	THREAD
cLCD100040V	1/4" BSPT

BRASS COUPLING INSERTS

**IN-LINE – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cLCD220-04V	1/4"	6.4 mm
cLCD220-05V	5/16"	7.9 mm

**IN-LINE – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cLCD170-04V	1/4"	6.4 mm
cLCD170-05V	5/16"	7.9 mm

**ELBOW – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cLCD230-04V	1/4"	6.4 mm
cLCD230-06V	3/8"	9.5 mm

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Integral terminations • Clicks when connected • Compatibility • CPC thumb latch 	<ul style="list-style-type: none"> • One hand connection & disconnection • Fewer leak points, shorter assemblies, faster installations • Assurance of a reliable connection • Mates with LC Series couplings
SPECIFICATIONS	
Bodies & valves	Acetal
Internal spring	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	NBR
Colour	Natural white, others available
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	-40°C to +82°C (-40°F to +180°F)



Min. quantities may apply – please ask at time of ordering

COUPLING BODIES

PIPE THREAD – VALVED

NPT MALE



800

PART NUMBER	THREAD
cPLCD100-04	1/4" NPT
cPLCD100-06	3/8" NPT

BSPT MALE

cPLCD100-40	1/4" BSPT
cPLCD100060	3/8" BSPT

UNVALVED

NPT MALE

cPLC100-04	1/4" NPT
cPLC100-06	3/8" NPT

BSPT MALE

cPLC100-040	1/4" BSPT
cPLC100-060	3/8" BSPT

IN-LINE – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD170-04	1/4"	6.4 mm
cPLCD170-05	5/16"	7.9 mm
cPLCD170-06	3/8"	9.5 mm

UNVALVED

cPLC170-04	1/4"	6.4 mm
cPLC170-05	5/16"	7.9 mm
cPLC170-06	3/8"	9.5 mm

IN-LINE – VALVED

FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPLCD130-04	1/4"	0.17"	6.4 x 4.3 mm
cPLCD130-M8	–	–	8 x 6 mm
cPLCD130-06	3/8"	0.25"	9.5 x 6.4 mm
cPLCD130M10	–	–	10 x 8 mm

UNVALVED

cPLC130-04	1/4"	0.17"	6.4 x 4.3 mm
cPLC130-M8	–	–	8 x 6 mm
cPLC130-06	3/8"	0.25"	9.5 x 6.4 mm
cPLC130-M10	–	–	10 x 8 mm

PANEL MOUNT – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD160-04	1/4"	6.4 mm
cPLCD160-05	5/16"	7.9 mm
cPLCD160-06	3/8"	9.5 mm

UNVALVED

cPLC160-04	1/4"	6.4 mm
cPLC160-05	5/16"	7.9 mm
cPLC160-06	3/8"	9.5 mm

PANEL MOUNT – VALVED

FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPLCD120-04	1/4"	0.17"	6.4 x 4.3 mm
cPLCD120-M8	–	–	8 x 6 mm
cPLCD120-06	3/8"	0.25"	9.5 x 6.4 mm
cPLCD120M10	–	–	10 x 8 mm

UNVALVED

cPLC120-04	1/4"	0.17"	6.4 x 4.3 mm
cPLC120-M8	–	–	8 x 6 mm
cPLC120-06	3/8"	0.25"	9.5 x 6.4 mm
cPLC120-M10	–	–	10 x 8 mm

PANEL MOUNT – VALVED

JG® PUSH-TO-CONNECT



800

PART NUMBER	TUBE OD	METRIC EQ.
cPLCD110-04	1/4"	6.4 mm

IN-LINE – VALVED

JG PUSH-TO-CONNECT



800

PART NUMBER	TUBE OD	METRIC EQ.
cPLCD140-04	1/4"	6.4 mm
cPLCD140-06	3/8"	9.5 mm

UNVALVED

cPLC140-04	1/4"	6.4 mm
cPLC140-06	3/8"	9.5 mm

COUPLING INSERTS

**PIPE THREAD – VALVED
NPT MALE**



800

PART NUMBER	THREAD
cPLCD240-04	1/4" NPT
cPLCD240-06	3/8" NPT

BSPT MALE

cPLCD240040	1/4" BSPT
cPLCD240060	3/8" BSPT

UNVALVED

NPT MALE

cPLC240-04	1/4" NPT
cPLC240-06	3/8" NPT

BSPT MALE

cPLC240-040	1/4" BSPT
cPLC240-060	3/8" BSPT

**IN-LINE – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD220-04	1/4"	6.4 mm
cPLCD220-05	5/16"	7.9 mm
cPLCD220-06	3/8"	9.5 mm

UNVALVED

cPLC220-04	1/4"	6.4 mm
cPLC220-05	5/16"	7.9 mm
cPLC220-06	3/8"	9.5 mm

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPLCD200-04	1/4"	0.17"	6.4 x 4.3 mm
cPLCD200-M8	–	–	8 x 6 mm
cPLCD200-06	3/8"	0.25"	9.5 x 6.4 mm
cPLCD200M10	–	–	10 x 8 mm

UNVALVED

cPLC200-04	1/4"	.17"	6.4 x 4.3 mm
cPLC200-M8	–	–	8 x 6 mm
cPLC200-06	3/8"	0.25"	9.5 x 6.4 mm
cPLC200-M10	–	–	10 x 8 mm

**PANEL MOUNT – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD420-04	1/4"	6.4 mm
cPLCD420-05	5/16"	7.9 mm
cPLCD420-06	3/8"	9.5 mm

UNVALVED

cPLC420-04	1/4"	6.4 mm
cPLC420-05	5/16"	7.9 mm
cPLC420-06	3/8"	9.5 mm

**PANEL MOUNT – VALVED
FERRULESS POLYTUBE
FITTING, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPLCD400-04	1/4"	0.17"	6.4 x 4.3 mm
cPLCD400-M8	–	–	8 x 6 mm
cPLCD400-06	3/8"	0.25"	9.5 x 6.4 mm
cPLCD400M10	–	–	10 x 8 mm

UNVALVED

cPLC400-04	1/4"	0.17"	6.4 x 4.3 mm
cPLC400-M8	–	–	8 x 6 mm
cPLC400-06	3/8"	0.25"	9.5 x 6.4 mm
cPLC400-M10	–	–	10 x 8 mm

**ELBOW – VALVED
HOSE BARB**



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD230-04	1/4"	6.4 mm
cPLCD230-06	3/8"	9.5 mm

UNVALVED

cPLC230-04	1/4"	6.4 mm
cPLC230-06	3/8"	9.5 mm

**ELBOW – VALVED
FERRULESS POLYTUBE
FITTING, PTF**



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPLCD210-06	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cPLC210-06	3/8"	0.25"	9.5 x 6.4 mm
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**PANEL MOUNT – VALVED
JG PUSH-TO-CONNECT**



800

PART NUMBER	TUBE OD	METRIC EQ.
cPLCD410-04	1/4"	6.4 mm

UNVALVED

cPLC410-04	1/4"	6.4 mm
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**IN-LINE – VALVED
JG PUSH-TO-CONNECT**



800

PART NUMBER	TUBE OD	METRIC EQ.
cPLCD290-04	1/4"	6.4 mm
cPLCD290-06	3/8"	9.5 mm

UNVALVED

cPLC290-04	1/4"	6.4 mm
cPLC290-06	3/8"	9.5 mm

Also available NSF listed



FEATURES	BENEFITS
<ul style="list-style-type: none"> • Polypropylene material • EPDM O-ring • CPC thumb latch • Integral terminations 	<ul style="list-style-type: none"> • Chemically resistant & gamma sterilisable • Greater chemical resistance • One hand connection & disconnection • Fewer leak points, shorter assemblies, faster installations
SPECIFICATIONS	
Bodies & valves	Polypropylene
Internal spring	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	EPDM
Colour	Almond
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	0°C to 71°C (32°F to 160°F)



Min. quantities may apply – please ask at time of ordering

COUPLING BODIES

PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD
cPLCD100412	1/4" NPT
cPLCD100612	3/8" NPT

BSPT MALE

cPLCD104120	1/4" BSPT
cPLCD106120	3/8" BSPT

UNVALVED

NPT MALE

cPLC100412	1/4" NPT
cPLC100612	3/8" NPT

BSPT MALE

cPLC104120	1/4" BSPT
cPLC106120	3/8" BSPT

IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD170412	1/4"	6.4 mm

UNVALVED

cPLC1700412	1/4"	6.4 mm
cPLC1700612	3/8"	9.5 mm

IN-LINE – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPLCD130612	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cPLC130612	3/8"	0.25"	9.5 x 6.4 mm
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PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD160412	1/4"	6.4 mm
cPLCD160612	3/8"	9.5 mm

UNVALVED

cPLC1600412	1/4"	6.4 mm
cPLC1600612	3/8"	9.5 mm

PANEL MOUNT – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPLCD120612	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cPLC1200612	3/8"	0.25"	9.5 x 6.4 mm
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Do you also need?



Tube fittings

- Shrouded design eliminates barb breakage
- For tubing sizes ranging from 1/16"



Find it on pages 101 – 104, section two

COUPLING INSERTS

PIPE THREAD – VALVED
NPT MALE



800

PART NUMBER	THREAD
cPLCD240412	1/4" NPT

UNVALVED

cPLC2400412	1/4" NPT
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ELBOW – VALVED
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD230412	1/4"	6.4 mm
cPLCD230612	3/8"	9.5 mm

UNVALVED

cPLC2300412	1/4"	6.4 mm
cPLC2300612	3/8"	9.5 mm

IN-LINE – VALVED
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD220412	1/4"	6.4 mm
cPLCD220612	3/8"	9.5 mm

UNVALVED

cPLC2200412	1/4"	6.4 mm
cPLC2200612	3/8"	9.5 mm

ELBOW – VALVED
FERRULESS POLYTUBE
FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPLCD210612	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cPLC2100612	3/8"	0.25"	9.5 x 6.4 mm
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IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPLCD200612	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cPLC2000612	3/8"	0.25"	9.5 x 6.4 mm
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PANEL MOUNT – VALVED
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD420412	1/4"	6.4 mm
cPLCD420612	3/8"	9.5 mm

UNVALVED

cPLC4200412	1/4"	6.4 mm
cPLC4200612	3/8"	9.5 mm

Custom Colours
Colder couplings are available in custom colours. Acetal products can be dyed or moulded in various colours & polypropylene can be moulded in the colour of your choice. **Minimum order quantities do apply.** Please contact your distributor for more details.

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Plastic thumb latch • Shrouded thumb latch • Integral terminations • Compatible 	<ul style="list-style-type: none"> • No exposed metal parts • Protects against accidental disconnection • Fewer leak points, shorter assemblies, faster installations • Mates with most EFC couplings
SPECIFICATIONS	
Coupling colour	Acetal / white
Latch colour	Acetal / grey
Seal material	NBR
Valve spring	316 stainless steel
Valve	Acetal
Lubricants	Silicone, others available
Working pressure	Vacuum to 120 psi (8.3 bar)
Operating temperature	-40°C to +82°C (-40°F to +180°F)



Min. quantities may apply – please ask at time of ordering

Also available NSF listed

COUPLING BODIES

PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD
cAPCD100-04	1/4" NPT
cAPCD100-06	3/8" NPT

BSPT MALE

cAPCD100040	1/4" BSPT
cAPCD100060	3/8" BSPT

UNVALVED NPT MALE

cAPC100-04	1/4" NPT
cAPC100-06	3/8" NPT

BSPT MALE

cAPC100-040	1/4" BSPT
cAPC100-060	3/8" BSPT

IN-LINE – UNVALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cAPC170-04	1/4"	6.4 mm
cAPC170-06	3/8"	9.5 mm

IN-LINE – VALVED WITH SHROUD HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cAPCD17004S	1/4"	6.4 mm
cAPCD17006S	3/8"	9.5 mm

UNVALVED – WITH SHROUD

cAPC17004S	1/4"	6.4 mm
cAPC170-06S	3/8"	9.5 mm

IN-LINE – VALVED WITH SHROUD FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cAPCD13004S	1/4"	0.17"	6.4 x 4.3 mm
cAPCD13M8S	–	–	8 x 6 mm
cAPCD13006S	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED – WITH SHROUD

cAPC130-04S	1/4"	0.17"	6.4 x 4.3 mm
cAPC130-06S	3/8"	0.25"	9.5 x 6.4 mm

PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cAPCD160-04	1/4"	6.4 mm
cAPCD160-05	5/16"	7.9 mm
cAPCD160-06	3/8"	9.5 mm

UNVALVED

cAPC160-04	1/4"	6.4 mm
cAPC160-05	5/16"	7.9 mm
cAPC160-06	3/8"	9.5 mm

PANEL MOUNT – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cAPCD120-04	1/4"	0.17"	6.4 x 4.3 mm
cAPCD120M8	–	–	8 x 6 mm
cAPCD120-06	3/8"	0.25"	9.5 x 6.4 mm
cAPCD120M10	–	–	10 x 8 mm

UNVALVED

cAPC120-04	1/4"	0.17"	6.4 x 4.3 mm
cAPC120-M8	–	–	8 x 6 mm

COUPLING INSERTS

PIPE THREAD – VALVED
NPT MALE



800

PART NUMBER	THREAD
cAPCD240-04	1/4" NPT
cAPCD240-06	3/8" NPT

BSPT MALE

cAPCD240040	1/4" BSPT
cAPCD240060	3/8" BSPT

UNVALVED
NPT MALE

cAPC240-04	1/4" NPT
cAPC240-06	3/8" NPT

BSPT MALE

cAPC240-040	1/4" BSPT
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IN-LINE – VALVED
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cAPCD220-04	1/4"	6.4 mm
cAPCD220-06	3/8"	9.5 mm

UNVALVED

cAPC220-04	1/4"	6.4 mm
cAPC220-06	3/8"	9.5 mm

IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cAPCD200-04	1/4"	0.17"	6.4 x 4.3 mm
cAPCD200M8	–	–	8 x 6 mm
cAPCD200-06	3/8"	0.25"	9.5 x 6.4 mm
cAPCD200M10	–	–	10 x 8 mm

UNVALVED

cAPC200-04	1/4"	0.17"	6.4 x 4.3 mm
cAPC200-M8	–	–	8 x 6 mm
cAPC200-06	3/8"	0.25"	9.5 x 6.4 mm

CAD drawings are available for all Colder couplings. These files are available in many formats including STEP, IGES & native file formats. Please contact your distributor for more details.

ELBOW – VALVED
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cAPCD230-04	1/4"	6.4 mm
cAPCD230-06	3/8"	9.5 mm

UNVALVED

cAPC230-04	1/4"	6.4 mm
cAPC230-06	3/8"	9.5 mm

ELBOW – VALVED
FERRULESS POLYTUBE
FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cAPCD210-04	1/4"	0.17"	6.4 x 4.3 mm
cAPCD210-06	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cAPC210-06	3/8"	0.25"	9.5 x 6.4 mm
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Do you also need?



NBR gaskets

Find it on page 50, section two

NSF Standard
The APC series is available in NSF listed versions for food & beverage dispensing. Please contact your distributor for more details.

FEATURES		BENEFITS	
• High efficiency valve		• More flow in a compact size	
• Plastic thumb latch		• Fewer moving parts	
• Polypropylene material		• Chemically resistant & gamma sterilisable	
• Compatible		• Mates with most APC couplings	
SPECIFICATIONS			
Coupling		Polypropylene	
Valve spring		316 stainless steel	
Latch spring		302 stainless steel	
Seal material		EPDM, others available	
Colour		Light grey, charcoal grey latch	
Working pressure		Vacuum to 105 psi (7.2 bar)	
Operating temperature		0°C to 71°C (32°F to 160°F)	
Flow – 1/4" hose barb		0.18" flow	
Flow – 3/8" hose barb		0.28" flow	



COUPLING BODIES

PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD
cEFC104-12	1/4" NPT
cEFC106-12	3/8" NPT

COUPLING INSERTS

PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD
cEFC244-12	1/4" NPT
cEFC246-12	3/8" NPT

IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cEFC174-12	1/4"	6.4 mm
cEFC176-12	3/8"	9.5 mm

IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cEFC224-12	1/4"	6.4 mm
cEFC226-12	3/8"	9.5 mm

UNVALVED

cEFC224-12	1/4"	6.4 mm
cEFC226-12	3/8"	9.5 mm

BULKHEAD PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cEFC164-12	1/4"	6.4 mm
cEFC166-12	3/8"	9.5 mm

ELBOWS – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cEFC234-12	1/4"	6.4 mm
cEFC236-12	3/8"	9.5 mm

UNVALVED

cEFC234-12	1/4"	6.4 mm
cEFC236-12	3/8"	9.5 mm

ACCESSORIES

GASKETS



800

PART NUMBER	DESCRIPTION
c668400	EPDM panel mount gasket

FEATURES	BENEFITS
<ul style="list-style-type: none"> • No valves • Smooth interior bore • Ergonomic design 	<ul style="list-style-type: none"> • Exceptional flow • Low turbulence • Physically strong & autoclavable • Easy to grip, simple to operate
SPECIFICATIONS	
Main components	Polysulfone
Thumb latch	Polysulfone
External spring	316 stainless steel
Seal material	FDA compliant NBR
Panel mount gasket	EPDM
Colour	Natural white, charcoal grey latch
Working pressure	Vacuum to 125 psi (8.6 bar)
Operating temperature	-40°C to +138°C (-40°F to +280°F)
Suggested tubing	PVC, silicone, reinforced PVC, polyurethane, rubber, latex



Min. quantities may apply – please ask at time of ordering

COUPLING BODIES

PIPE THREAD – UNVALVED

NPT MALE



800

PART NUMBER	THREAD
cFFC108-35	1/2" NPT
cFFC1012-35	3/4" NPT

BSPT MALE

cFFC108-350	1/2" BSPT
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GHT MALE

cFFC101235G	3/4" GHT
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COUPLING INSERTS

PIPE THREAD – UNVALVED

NPT MALE



800

PART NUMBER	THREAD
cFFC248-35	1/2" NPT
cFFC2412-35	3/4" NPT

BSPT MALE

cFFC248-350	1/2" BSPT
cFFC2412350	3/4" BSPT

PIPE THREAD – UNVALVED

BSPP FEMALE

INCLUDES FDA EPDM GASKET



800

PART NUMBER	THREAD
cFFC191235B	3/4" BSPP

PIPE THREAD – UNVALVED

BSPP FEMALE

INCLUDES FDA EPDM GASKET



800

PART NUMBER	THREAD
cFFC261235B	3/4" BSPP

IN-LINE – UNVALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cFFC1712-35	3/4"	19 mm

IN-LINE – UNVALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cFFC2212-35	3/4"	19 mm

BULKHEAD PANEL MOUNT

UNVALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cFFC1612-35	3/4"	19 mm

Do you also need?



Caps & plugs

Find it on page 100, section two

FEATURES		BENEFITS	
<ul style="list-style-type: none"> • High efficiency valve • Ergonomic design • Compatible 		<ul style="list-style-type: none"> • More flow & less spillage in a compact size • Easy to grip, simple to operate • Chemically resistant & gamma sterilisable • Mates with HFC35 & HFC57 couplings 	
SPECIFICATIONS			
Coupling	Polypropylene		
Seal material	EPDM		
Springs	316 stainless steel		
Panel mount gasket	EPDM		
Colour	Light grey, charcoal grey latch		
Working pressure	Vacuum to 60 psi (4.2 bar)		
Operating temperature	0°C to 71°C (32°F to 160°F)		
Suggested tubing	PVC, silicone, reinforced PVC, polyurethane, rubber, latex		

Also available NSF listed



Min. quantities may apply – please ask at time of ordering

COUPLING BODIES

PIPE THREAD – VALVED

NPT MALE



800

PART NUMBER	THREAD
cHFC106-12	3/8" NPT
cHFC108-12	1/2" NPT
cHFC101212	3/4" NPT

BSPT MALE

cHFC106120	3/8" BSPT
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UNVALVED

NPT MALE

cHFC106-12	3/8" NPT
cHFC108-12	1/2" NPT
cHFC101212	3/4" NPT

BSPT MALE

cHFC106120	3/8" BSPT
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IN-LINE – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cHFC176-12	3/8"	9.5 mm
cHFC178-12	1/2"	12.7 mm
cHFC171012	5/8"	15.9 mm
cHFC171212	3/4"	19.0 mm

UNVALVED

cHFC176-12	3/8"	9.5 mm
cHFC178-12	1/2"	12.7 mm
cHFC1710-12	5/8"	15.9 mm
cHFC1712-12	3/4"	19.0 mm

IN-LINE – VALVED

COMPRESSION



800

PART NUMBER	TUBE OD	METRIC EQ.
cHFC136-12	3/8"	9.5 mm
cHFC138-12	1/2"	12.7 mm

UNVALVED

cHFC138-12	1/2"	12.7 mm
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BULKHEAD PANEL MOUNT – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cHFC166-12	3/8"	9.5 mm
cHFC168-12	1/2"	12.7 mm
cHFC161012	5/8"	15.9 mm
cHFC161212	3/4"	19.0 mm

UNVALVED

cHFC166-12	3/8"	9.5 mm
cHFC168-12	1/2"	12.7 mm
cHFC1610-12	5/8"	15.9 mm
cHFC1612-12	3/4"	19.0 mm

BULKHEAD PANEL MOUNT – VALVED

COMPRESSION



800

PART NUMBER	TUBE OD	METRIC EQ.
cHFC126-12	3/8"	9.5 mm
cHFC128-12	1/2"	12.7 mm

UNVALVED

cHFC126-12	3/8"	9.5 mm
cHFC128-12	1/2"	12.7 mm

COUPLING INSERTS



800

**PIPE THREAD – VALVED
NPT MALE**

PART NUMBER	THREAD
cHFCD246-12	3/8" NPT
cHFCD248-12	1/2" NPT
cHFCD2412-12	3/4" NPT

BSPT MALE

cHFCD246120	3/8" BSPT
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UNVALVED

NPT MALE

cHFC246-12	3/8" NPT
cHFC248-12	1/2" NPT
cHFC2412-12	3/4" NPT

BSPT MALE

cHFC246-120	3/8" BSPT
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800

**IN-LINE – VALVED
HOSE BARB**

PART NUMBER	TUBE ID	METRIC EQ.
cHFCD226-12	3/8"	9.5 mm
cHFCD228-12	1/2"	12.7 mm
cHFCD221012	5/8"	15.9 mm
cHFCD221212	3/4"	19.0 mm

UNVALVED

cHFC226-12	3/8"	9.5 mm
cHFC228-12	1/2"	12.7 mm
cHFC2210-12	5/8"	15.9 mm
cHFC2212-12	3/4"	19.0 mm



800

**PANEL MOUNT – VALVED
HOSE BARB**

PART NUMBER	TUBE ID	METRIC EQ.
cHFCD42612	3/8"	9.5 mm
cHFCD42812	1/2"	12.7 mm
cHFCD421212	3/4"	19.0 mm

UNVALVED

cHFC42612	3/8"	9.5 mm
cHFC42812	1/2"	12.7 mm



800

**IN-LINE – VALVED
COMPRESSION**

PART NUMBER	TUBE OD	METRIC EQ.
cHFCD206-12	3/8"	9.5 mm
cHFCD208-12	1/2"	12.7 mm

UNVALVED

cHFC206-12	3/8"	9.5 mm
cHFC208-12	1/2"	12.7 mm



800

**ELBOWS – VALVED
HOSE BARB**

PART NUMBER	TUBE ID	METRIC EQ.
cHFCD236-12	3/8"	9.5 mm
cHFCD238-12	1/2"	12.7 mm
cHFCD231212	3/4"	19.0 mm

UNVALVED

cHFC2312-12	3/4"	19.0 mm
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800

**PANEL MOUNT ELBOW – VALVED
HOSE BARB**

PART NUMBER	TUBE ID	METRIC EQ.
cHFCD43812	1/2"	12.7 mm
cHFCD431212	3/4"	19.0 mm

UNVALVED

cHFC43812	1/2"	12.7 mm
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FEATURES	BENEFITS
<ul style="list-style-type: none"> Automatic shut-off valves Audible 'click' when engaged Sterilisable by autoclave, ETO, e-beam, or gamma Lightweight 	<ul style="list-style-type: none"> Stops flow & eliminates need for awkward pinch clamps Confidence of a secure connection Physical strength, durability & an excellent replacement for stainless steel Reusable & compatible with your existing processes Removes extra weight from assemblies
SPECIFICATIONS	
Coupling	Polysulfone
Seal material	EPDM
Springs	316 stainless steel
Panel mount gasket	EPDM
Colour	Natural white, charcoal grey latch
Working pressure	Vacuum to 125 psi (8.6 bar)
Operating temperature	-40°C to +138°C (-40°F to +280°F)
Suggested tubing	PVC, silicone, reinforced PVC, polyurethane, rubber, latex



Also available NSF listed

Min. quantities may apply – please ask at time of ordering

COUPLING BODIES

PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD
cHFCD106-35	3/8" NPT
cHFCD108-35	1/2" NPT
cHFCD101235	3/4" NPT

BSPT MALE

cHFCD106350	3/8" BSPT
cHFCD108350	1/2" BSPT
cHFCD102350	3/4" BSPT

UNVALVED

NPT MALE

cHFC106-35	3/8" NPT
cHFC1012-35	3/4" NPT

BSPT MALE

cHFC108-350	1/2" BSPT
cHFC1012350	3/4" BSPT

GHT MALE

cHFC101235G	3/4" GHT
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PIPE THREAD – VALVED BSPP FEMALE



800

PART NUMBER	THREAD
cHFCD19235B	3/4" BSPP

GHT FEMALE

cHFCD19235G	3/4" GHT
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UNVALVED

BSPP FEMALE

cHFC191235B	3/4" BSPP
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GHT FEMALE

cHFC191235G	3/4" GHT
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IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cHFCD176-35	3/8"	9.5 mm
cHFCD178-35	1/2"	12.7 mm
cHFCD171035	5/8"	15.9 mm
cHFCD171235	3/4"	19.0 mm

UNVALVED

cHFC176-35	3/8"	9.5 mm
cHFC178-35	1/2"	12.7 mm
cHFC1710-35	5/8"	15.9 mm

BULKHEAD PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cHFCD166-35	3/8"	9.5 mm
cHFCD168-35	1/2"	12.7 mm
cHFCD161035	5/8"	15.9 mm
cHFCD161235	3/4"	19.0 mm

UNVALVED

cHFC166-35	3/8"	9.5 mm
cHFC168-35	1/2"	12.7 mm
cHFC1610-35	5/8"	15.9 mm

COUPLING INSERTS

PIPE THREAD – VALVED
NPT MALE



800

PART NUMBER	THREAD
cHFC246-35	3/8" NPT
cHFC248-35	1/2" NPT
cHFC241235	3/4" NPT

BSPT MALE

cHFC246350	3/8" BSPT
cHFC248350	1/2" BSPT
cHFC242350	3/4" BSPT

GHT MALE

cHFC24235G	3/4" GHT
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UNVALVED

NPT MALE

cHFC246-35	3/8" NPT
cHFC248-35	1/2" NPT
cHFC2412-35	3/4" NPT

BSPT MALE

cHFC248-350	1/2" BSPT
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BSPT MALE

cHFC241235G	3/4" GHT
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IN-LINE – VALVED
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cHFC226-35	3/8"	9.5 mm
cHFC228-35	1/2"	12.7 mm
cHFC221035	5/8"	15.9 mm
cHFC221235	3/4"	19.0 mm

UNVALVED

cHFC226-35	3/8"	9.5 mm
cHFC228-35	1/2"	12.7 mm
cHFC2210-35	5/8"	15.9 mm

ELBOWS – VALVED
HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cHFC236-35	3/8"	9.5 mm
cHFC238-35	1/2"	12.7 mm

PIPE THREAD – VALVED
BSPP FEMALE



800

PART NUMBER	THREAD
cHFC26235B	3/4" BSPP

GHT FEMALE

cHFC26235G	3/4" GHT
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UNVALVED

GHT FEMALE

cHFC261235G	3/4" GHT
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Do you also need?

ELDON JAMES

Flexelene™ tubing



Find it on page 634, section ten



FEATURES		BENEFITS	
<ul style="list-style-type: none"> • High efficiency valve • Ergonomic design • Compatible • Lightweight 		<ul style="list-style-type: none"> • Physically strong & UV resistant • More flow & less spillage in a compact size • Easy to grip, simple to operate • Mates with HFC35 couplings • Removes extra weight from assemblies 	
SPECIFICATIONS			
Coupling	UV-resistant polysulfone		
Seal material	EPDM		
Springs	316 stainless steel		
Panel mount gasket	EPDM		
Colour	Black body & latch		
Working pressure	Vacuum to 125 psi (8.6 bar)		
Operating temperature	-40°C to +138°C (-40°F to +280°F)		
Suggested tubing	PVC, silicone, reinforced PVC, polyurethane, rubber, latex		



Min. quantities may apply – please ask at time of ordering

COUPLING BODIES

PIPE THREAD – VALVED

NPT MALE



800

PART NUMBER	THREAD
cHFCD108-57	1/2" NPT

BSPT MALE

cHFCD102570	3/4" BSPT
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GHT MALE

cHFCD10257G	3/4" GHT
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UNVALVED

NPT MALE

cHFC108-57	1/2" NPT
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IN-LINE – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cHFCD176-57	3/8"	9.5 mm
cHFCD178-57	1/2"	12.7 mm
cHFCD171057	5/8"	15.9 mm
cHFCD171257	3/4"	19.0 mm

UNVALVED

cHFC176-57	3/8"	9.5 mm
cHFC178-57	1/2"	12.7 mm
cHFC1712-57	3/4"	19.0 mm

PIPE THREAD – VALVED

FEMALE THREAD



800

PART NUMBER	THREAD
cHFCD19257G	3/4" GHT

UNVALVED

cHFC191257G	3/4" GHT
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BULKHEAD PANEL MOUNT

VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cHFCD166-57	3/8"	9.5 mm
cHFCD168-57	1/2"	12.7 mm
cHFCD161057	5/8"	15.9 mm
cHFCD161257	3/4"	19.0 mm

Gaskets are included with all female garden hose adaptors

COUPLING INSERTS
**PIPE THREAD – VALVED
NPT MALE**


PART NUMBER	THREAD
cHFC248-57	1/2" NPT

BSPT MALE

cHFC242570	3/4" BSPT
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GHT MALE

cHFC24257G	3/4" GHT
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UNVALVED
NPT MALE

cHFC248-57	1/2" NPT
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BSPT MALE

cHFC246-570	3/8" BSPT
cHFC248-570	1/2" BSPT

GHT MALE

cHFC241257G	3/4" GHT
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**IN-LINE – VALVED
HOSE BARB**


PART NUMBER	TUBE ID	METRIC EQ.
cHFC226-57	3/8"	9.5 mm
cHFC228-57	1/2"	12.7 mm
cHFC221057	5/8"	15.9 mm
cHFC221257	3/4"	19.0 mm

UNVALVED

cHFC226-57	3/8"	9.5 mm
cHFC228-57	1/2"	12.7 mm
cHFC2212-57	3/4"	19.0 mm


**PIPE THREAD – VALVED
GHT FEMALE**

PART NUMBER	THREAD
cHFC26257G	3/4" GHT

UNVALVED
GHT FEMALE

cHFC261257G	3/4" GHT
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Gaskets are included with all female garden hose adaptors

ACCESSORIES
**BULKHEAD PANEL MOUNT
GASKETS**


PART NUMBER	COUPLING SERIES	MATERIAL
c621200	HFC / FFC	EPDM

**GARDEN HOSE THREAD
GASKETS**


PART NUMBER	COUPLING SERIES	MATERIAL
c2339400	HFC / FFC	FDA / EPDM

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Brass material • Chrome plating • High temperature capability • CPC thumb latch • Compatible 	<ul style="list-style-type: none"> • Durable & able to withstand higher pressure & temperature • Attractive appearance • Versions rated to 204°C (400°F) • One hand connection & disconnection • MC mates with PMC & PMC12 series couplings
SPECIFICATIONS	
Bodies	Chrome plated brass
Valves	Acetal
Valve springs	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	NBR
Working pressure	Vacuum to 250 psi (17.3 bar)
Operating temperature	-40°C to +82°C (-40°F to +180°F)



COUPLING BODIES

PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD
cMCD10-02	1/8" NPT
cMCD10-04	1/4" NPT

BSPT MALE

cMCD10-020	1/8" BSPT
cMCD10-040	1/4" BSPT

UNVALVED

NPT MALE

cMC10-02	1/8" NPT
cMC10-04	1/4" NPT

BSPT MALE

cMC10-020	1/8" BSPT
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IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cMCD17-02	1/8"	3.2 mm
cMCD17-03	3/16"	4.8 mm
cMCD17-04	1/4"	6.4 mm

UNVALVED

cMC17-02	1/8"	3.2 mm
cMC17-03	3/16"	4.8 mm
cMC17-04	1/4"	6.4 mm

IN-LINE – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cMCD13-04	1/4"	0.17"	6.4 x 4.3 mm

PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cMCD16-02	1/8"	3.2 mm
cMCD16-03	3/16"	4.8 mm
cMCD16-04	1/4"	6.4 mm

UNVALVED

cMC16-02	1/8"	3.2 mm
cMC16-03	3/16"	4.8 mm
cMC16-04	1/4"	6.4 mm

PANEL MOUNT – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cMCD12-025	5/32"	0.10"	4 x 2.5 mm
cMCD12-04	1/4"	0.17"	6.4 x 4.3 mm

UNVALVED

cMC12-025	5/32"	0.10"	4 x 2.5 mm
cMC12-04	1/4"	0.17"	6.4 x 4.3 mm

PANEL MOUNT – VALVED NPT MALE



800

PART NUMBER	THREAD
cMCD15-02	1/8" NPT

UNVALVED

cMC15-02	1/8" NPT
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PANEL MOUNT – VALVED UNF FEMALE



800

PART NUMBER	TUBING SIZE
cMCD18-1032	10-32 UNF

UNVALVED

cMC18-1032	10-32 UNF
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High temperature version available

Keyed colour coded version available
Please ask for details

Also available NSF listed

COUPLING INSERTS

PIPE THREAD – VALVED

NPT MALE



800

PART NUMBER	THREAD
cMCD24-02	1/8" NPT
cMCD24-04	1/4" NPT

BSPT MALE

cMCD24-020	1/8" BSPT
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UNVALVED

NPT MALE

cMC24-02	1/8" NPT
cMC24-04	1/4" NPT

BSPT MALE

cMC24-020	1/8" BSPT
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PIPE THREAD – VALVED

NPT FEMALE



800

PART NUMBER	THREAD
cMCD26-02	1/8" NPT
cMCD26-04	1/4" NPT

BSPT FEMALE

cMCD26-04BP	1/4" BSPP
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UNVALVED

NPT FEMALE

cMC26-02	1/8" NPT
cMC26-04	1/4" NPT

IN-LINE – VALVED

FEMALE THREAD



800

PART NUMBER	TUBING SIZE
cMCD28-1032	10-32 UNF

UNVALVED

cMC28-1032	10-32 UNF
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IN-LINE – VALVED

HOSE BARB



800

PART NUMBER	TUBING SIZE	METRIC EQ.
cMCD22-02	1/8" ID	3.2 mm ID
cMCD22-03	3/16" ID	4.8 mm ID
cMCD22-04	1/4" ID	6.4 mm ID

UNVALVED

cMC22-02	1/8" ID	3.2 mm ID
cMC22-03	3/16" ID	4.8 mm ID
cMC22-04	1/4" ID	6.4 mm ID

IN-LINE – VALVED

FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cMCD20-025	5/32"	0.10"	4 x 2.5 mm
cMCD20-04	1/4"	0.17"	6.4 x 4.3 mm
cMCD20-06	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cMC20-025	5/32"	0.10"	4 x 2.5 mm
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PANEL MOUNT – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cMCD42-03	3/16"	4.8 mm
cMCD42-04	1/4"	6.4 mm

UNVALVED

cMC42-02	1/8"	3.2 mm
cMC42-03	3/16"	4.8 mm
cMC42-04	1/4"	6.4 mm

PANEL MOUNT – VALVED

FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cMCD40-04	1/4"	0.17"	6.4 x 4.3 mm

UNVALVED

cMC40-04	1/4"	0.17"	6.4 x 4.3 mm
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ELBOW – VALVED

FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cMCD21-025	5/32"	0.10"	4 x 2.5 mm
cMCD21-04	1/4"	0.17"	6.4 x 4.3 mm

UNVALVED

cMC21-025	5/32"	0.10"	4 x 2.5 mm
cMC21-04	1/4"	0.17"	6.4 x 4.3 mm

ELBOW – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cMCD23-02	1/8"	3.2 mm
cMCD23-04	1/4"	6.4 mm

UNVALVED

cMC23-02	1/8"	3.2 mm
cMC23-04	1/4"	6.4 mm

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Brass material • Chrome plating • High temperature capability • Compatible 	<ul style="list-style-type: none"> • Durable & able to withstand higher pressure & temperature • Versions rated to 204°C (400°F) • Mates with PLC series couplings
SPECIFICATIONS	
Bodies	Chrome plated brass
Valves	Acetal
Valve springs	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	NBR
Working pressure	Vacuum to 250 psi (17.3 bar)
Operating temperature	-40°C to +82°C (-40°F to +180°F)



COUPLING BODIES

PIPE THREAD – VALVED NPT MALE



800

PART NUMBER	THREAD
cLCD100-04	1/4" NPT
cLCD100-06	3/8" NPT

BSPT MALE

cLCD100-040	1/4" BSPT
cLCD100-060	3/8" BSPT

UNVALVED

NPT MALE

cLC100-04	1/4" NPT
cLC100-06	3/8" NPT

BSPT MALE

cLC100-040	1/4" BSPT
cLC100-060	3/8" BSPT

PANEL MOUNT – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cLCD160-04	1/4"	6.4 mm
cLCD160-05	5/16"	7.9 mm
cLCD160-06	3/8"	9.5 mm

UNVALVED

cLC160-05	5/16"	7.9 mm
cLC160-06	3/8"	9.5 mm

IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cLCD170-04	1/4"	6.4 mm
cLCD170-05	5/16"	7.9 mm
cLCD170-06	3/8"	9.5 mm

UNVALVED

cLC170-04	1/4"	6.4 mm
cLC170-05	5/16"	7.9 mm
cLC170-06	3/8"	9.5 mm

PANEL MOUNT – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cLCD120-04	1/4"	0.17"	6.4 x 4.3 mm
cLCD120-06	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cLC120-04	1/4"	0.17"	6.4 x 4.3 mm
cLC120-06	3/8"	0.25"	9.5 x 6.4 mm

IN-LINE – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cLCD130-04	1/4"	0.17"	6.4 x 4.3 mm
cLCD130-06	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cLC130-04	1/4"	0.17"	6.4 x 4.3 mm
cLC130-06	3/8"	0.25"	9.5 x 6.4 mm

PANEL MOUNT – VALVED MALE THREAD



800

PART NUMBER	THREAD
cLCD150-04	1/4" NPT

UNVALVED

cLC150-04	1/4" NPT
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Also available NSF listed

High temperature version available
Please ask for details

COUPLING INSERTS

PIPE THREAD – VALVED

NPT MALE



800

PART NUMBER	THREAD
cLCD240-04	1/4" NPT
cLCD240-06	3/8" NPT

BSPT MALE

cLCD240-040	1/4" BSPT
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UNVALVED

NPT MALE

cLC240-04	1/4" NPT
cLC240-06	3/8" NPT

BSPT MALE

cLC240-040	1/4" BSPT
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PIPE THREAD – VALVED

NPT FEMALE



800

PART NUMBER	THREAD
cLCD260-04	1/4" NPT

BSPP FEMALE

cLCD260-04BP	1/4" BSPP
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UNVALVED

NPT FEMALE

cLC260-04	1/4" NPT
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BSPP FEMALE

cLC260-04BP	1/4" BSPP
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IN-LINE – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cLCD220-04	1/4"	6.4 mm
cLCD220-05	5/16"	7.9 mm
cLCD220-06	3/8"	9.5 mm

UNVALVED

cLC220-04	1/4"	6.4 mm
cLC220-05	5/16"	7.9 mm
cLC220-06	3/8"	9.5 mm

IN-LINE – VALVED

FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cLCD200-04	1/4"	0.17"	6.4 x 4.3 mm
cLCD200-06	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cLC200-04	1/4"	0.17"	6.4 x 4.3 mm
cLC200-06	3/8"	0.25"	9.5 x 6.4 mm

PANEL MOUNT – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cLCD420-04	1/4"	6.4 mm
cLCD420-05	5/16"	7.9 mm
cLCD420-06	3/8"	9.5 mm

UNVALVED

cLC420-04	1/4"	6.4 mm
cLC420-05	5/16"	7.9 mm

PANEL MOUNT – VALVED

FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cLCD400-04	1/4"	0.17"	6.4 x 4.3 mm
cLCD400-06	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cLC400-04	1/4"	0.17"	6.4 x 4.3 mm
cLC400-06	3/8"	0.25"	9.5 x 6.4 mm

ELBOW – VALVED

HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cLCD230-04	1/4"	6.4 mm
cLCD230-06	3/8"	9.5 mm

UNVALVED

cLC230-04	1/4"	6.4 mm
cLC230-06	3/8"	9.5 mm

ELBOW – VALVED

FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cLCD210-04	1/4"	0.17"	6.4 x 4.3 mm
cLCD210-06	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cLC210-04	1/4"	0.17"	6.4 x 4.3 mm
cLC210-06	3/8"	0.25"	9.5 x 6.4 mm



FEATURES	BENEFITS
<ul style="list-style-type: none"> • Two line connection • Separate flow paths • CPC thumb latch • Free coupling rotation 	<ul style="list-style-type: none"> • Fast, efficient operation • Pressure and / or vacuum in one coupling • One hand connection & disconnection • Eliminates kinked tubing
SPECIFICATIONS	
Bodies & inserts	Acetal or ABS
Springs, pin, latch	Stainless steel
Seal material	NBR
Working pressure	Vacuum to 120 psi (8.3 bar) per line
Operating temperature	-40°C to +82°C (-40°F to +180°F)



COUPLING BODIES

COUPLING INSERTS

PANEL MOUNT – UNVALVED HOSE BARB – ACETAL



800

PART NUMBER	TUBE ID	METRIC EQ.
cPTC 160-10	1/16"	1.6 mm
cPTC 160-20	1/8"	3.2 mm

IN-LINE – UNVALVED HOSE BARB – ACETAL



800

PART NUMBER	TUBE ID	METRIC EQ.
cPTC 220-10	1/16"	1.6 mm
cPTC 220-20	1/8"	3.2 mm

PANEL MOUNT – UNVALVED HOSE BARB – ABS



800

PART NUMBER	TUBE ID	METRIC EQ.
cPTC1602096	1/8"	3.2 mm

IN-LINE – UNVALVED HOSE BARB – ABS



800

PART NUMBER	TUBE ID	METRIC EQ.
cPTC2202096	1/8"	3.2 mm

Do you also need?



DTLD & DPC series connectors



Find it on page 96, section two

FEATURES	BENEFITS	
<ul style="list-style-type: none"> • Six line connection • Separate flow paths • Insert is keyed to body • CPC thumb latch 	<ul style="list-style-type: none"> • Fast, efficient operation • Pressure and / or vacuum in one coupling • Ensures correct line orientation • One hand connection & disconnection 	
SPECIFICATIONS	Acetal	Polypropylene
Bodies & inserts	Acetal	Polypropylene
Housing & valves	Acetal	
Valve springs	316 stainless steel	
Seal material	NBR	EPDM
Working pressure	Vacuum to 100 psi (6.9 bar) per line	
Operating temperature	-40°C to +82°C (-40°F to +180°F)	0°C to 82°C (32°F to 180°F)


COUPLING BODIES

ACETAL – UNVALVED
WITH MALE FITTING INSERTS

800

PART NUMBER	TUBE ID	METRIC EQ.
cSXM17-01	1/16"	1.6 mm
cSXM17-M3	–	3.0 mm
cSXM17-02	1/8"	3.2 mm

POLYPROPYLENE – UNVALVED

cSXM17-0212	1/8"	3.2 mm
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ACETAL – VALVED
WITH FEMALE FITTING BODIES

800

PART NUMBER	TUBE ID	METRIC EQ.
cSXF17-01	1/16"	1.6 mm
cSXF17-02	1/8"	3.2 mm

ACETAL – UNVALVED

cSXF17-M3	–	3.0 mm
cSXF17-02	1/8"	3.2 mm

POLYPROPYLENE – UNVALVED

cSXF17-0112	1/16"	1.6 mm
cSXF17-0212	1/8"	3.2 mm


ACETAL
WITHOUT FITTINGS

800

PART NUMBER	DESCRIPTION
cSX17	Body supplied without fittings

COUPLING INSERTS

ACETAL – VALVED
WITH FEMALE FITTING BODIES

800

PART NUMBER	TUBE ID	METRIC EQ.
cSXF42-01	1/16"	1.6 mm
cSXF42-M3	–	3.0 mm
cSXF42-02	1/8"	3.2 mm

ACETAL – UNVALVED

cSXF42-01	1/16"	1.6 mm
cSXF42-M3	–	3.0 mm
cSXF42-02	1/8"	3.2 mm

POLYPROPYLENE – UNVALVED

cSXF42-0112	1/16"	1.6 mm
cSXF42-0212	1/8"	3.2 mm


ACETAL – UNVALVED
WITH MALE FITTING INSERTS

800

PART NUMBER	TUBE ID	METRIC EQ.
cSXM42-01	1/16"	1.6 mm
cSXM42-M3	–	3.0 mm
cSXM42-02	1/8"	3.2 mm

POLYPROPYLENE – UNVALVED

cSXM42-0112	1/16"	1.6 mm
cSXM42-0212	1/8"	3.2 mm


ACETAL
WITHOUT FITTINGS

800

PART NUMBER	DESCRIPTION
cSX42	Insert supplied without fittings

ACCESSORIES
PRESSURE PLUG

800

PART NUMBER	DESCRIPTION
cTMP-MWHT	Pressure plug

FEATURES	BENEFITS	
<ul style="list-style-type: none"> Ten line Separate flow paths Insert is keyed to body Acetal or polypropylene inserts 	<ul style="list-style-type: none"> Fast, efficient operation Pressure and / or vacuum in one coupling Ensures correct line orientation Maximise design flexibility 	
SPECIFICATIONS	Acetal	Polypropylene
Bodies & inserts	Acetal	Polypropylene
Housing	Nylon	Nylon
Valves	Acetal	
Valve springs	316 stainless steel	
Seal material	NBR	EPDM
Working pressure	Vacuum to 100 psi (6.9 bar) per line	
Operating temperature	-40°C to +82°C (-40°F to +180°F)	0°C to 82°C (32°F to 180°F)


COUPLING BODIES
**ACETAL – VALVED
WITH FEMALE FITTING BODIES**


800

PART NUMBER	TUBE ID	METRIC EQ.
cTFBD10-01	1/16"	1.6 mm
cTFBD10-02	1/8"	3.2 mm

ACETAL – UNVALVED

cTFB10-01	1/16"	1.6 mm
cTFB10-M3	–	3.0 mm
cTFB10-02	1/8"	3.2 mm

POLYPROPYLENE – UNVALVED

cTFB10-0212	1/8"	3.2 mm
-------------	------	--------

COUPLING INSERTS
**ACETAL – UNVALVED
WITH MALE FITTING INSERTS**


800

PART NUMBER	TUBE ID	METRIC EQ.
cTMB10-01	1/16"	1.6 mm
cTMB10-M3	–	3.0 mm
cTMB10-02	1/8"	3.2 mm

POLYPROPYLENE – UNVALVED

cTMB10-0212	1/8"	3.2 mm
-------------	------	--------

**ACETAL – UNVALVED
WITHOUT FITTING BODIES**


800

PART NUMBER	DESCRIPTION
cTFB10	Body supplied without fittings

**ACETAL – UNVALVED
WITHOUT FITTING INSERTS**


800

PART NUMBER	DESCRIPTION
cTMB10	Insert supplied without fittings

ACCESSORIES


800

ACCESSORIES

PART NUMBER	DESCRIPTION
cTS-10	Tube shroud snaps into either half
cTPM-10	Panel mount adaptor, includes nut 7/16" max. panel thickness requires

COMPLETE COUPLING SET
**ACETAL – UNVALVED
COMPLETE COUPLING SETS**


800

PART NUMBER	TUBE ID	METRIC EQ.	LENGTH
cTT10-01	1/16"	1.6 mm	1.3"
cTT10-M3	–	3.0 mm	1.6"
cTT10-02	1/8"	3.2 mm	1.6"

POLYPROPYLENE – UNVALVED

cTT10-02-12	1/8"	3.2 mm	1.6"
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FITTING BODIES



ACETAL – VALVED

800

PART NUMBER	TUBE ID	METRIC EQ.
cTFFD-01	1/16"	1.6 mm
cTFFD-M3	–	3.0 mm
cTFFD-02	1/8"	3.2 mm

ACETAL – UNVALVED

cTFF-01	1/16"	1.6 mm
cTFF-M3	–	3.0 mm
cTFF-02	1/8"	3.2 mm

POLYPROPYLENE – UNVALVED

cTFF01-12	1/16"	1.6 mm
cTFF02-12	1/8"	3.2 mm

FITTING INSERTS



ACETAL – UNVALVED

800

PART NUMBER	TUBE ID	METRIC EQ.
cTMF-01	1/16"	1.6 mm
cTMF-M3	–	3.0 mm
cTMF-02	1/8"	3.2 mm

POLYPROPYLENE – UNVALVED

cTMF-01-12	1/16"	1.6 mm
cTMF-02-12	1/8"	3.2 mm



ACETAL – VALVED

800

PART NUMBER	TUBE ID	METRIC EQ.
cTFFD01MWHT	1/16"	1.6 mm
cTFFD02MWHT	1/8"	3.2 mm

ACETAL – UNVALVED

cTFF01-MWHT	1/16"	1.6 mm
cTFF02-MWHT	1/8"	3.2 mm



ACETAL – UNVALVED

800

PART NUMBER	TUBE ID	METRIC EQ.
cTMF01-MWHT	1/16"	1.6 mm
cTMFM3-MWHT	–	3.0 mm
cTMF-02MWHT	1/8"	3.2 mm

ORDERING INFORMATION

Each coupling body includes 10 inserts of one tube size. You can purchase inserts of different sizes for replacements of original tube fittings or to mix tube sizes in the coupling. Coupling body does not include optional tubing shroud or panel mount adaptor. Specify separately, depending on coupling configuration i.e. panel mount coupling requires one tubing shroud & one panel mount adaptor. Tube-to-tube coupling assemblies require two tubing shrouds.

Connectors supplied with one size tube fitting unless specified otherwise.

Optional tubing jacket protects tubing

Optional tubing shroud is ideal for in-line applications

Individual O-ring seal connections assure leak-free vacuum on pressure connections

Replaceable inserts

Tentube panel mount adaptor fits through a 1.875" diameter hole

30° LATCH TRAVEL

Keyed to provide non-interchangeable hook up

Thermoplastic materials provide exceptional chemical resistance

Positive latch connection. Slide the latch 30° for a positive no leak seal. Distinct 'click' assures coupling is locked. Connect or disconnect in one simple motion.

TUBE FITTING INSERT
CPC's exclusive Tentube includes our patented 1/16" ID shrouded tube fitting to eliminate fitting breakage associated with miniature tube fittings.

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Three to five line connection • Separate flow paths • Insert is keyed to body • Acetal or chrome plated brass • Leak free, easy operation • Keyed to prevent mismatches 	<ul style="list-style-type: none"> • Fast, efficient operation • Maximises design flexibility • Ensures correct line orientation
SPECIFICATIONS	
Coupling bodies & inserts	Acetal or chrome plated brass
Valves	Acetal
Valve springs	316 stainless steel
External springs & pin	Stainless steel
Seal material	NBR
Mounting plate	Black anodised aluminium
Working pressure – brass	Vacuum to 500 psi (34.5 bar) no. of stations
Working pressure – acetal	Vacuum to 240 psi (16.5 bar) no. of stations
Operating temperature	-40°C to +82°C (-40°F to +180°F)



Min. quantities may apply – please ask at time of ordering

1/8" FLOW COUPLING BODIES



PANEL MOUNT – VALVED HOSE BARB

800

PART NUMBER	TUBE ID	METRIC EQ.
cPMMD16-02	1/8"	3.2 mm
cPMMD16-03	3/16"	4.8 mm
cPMMD16-04	1/4"	6.4 mm

UNVALVED

cPMM16-02	1/8"	3.2 mm
cPMM16-04	1/4"	6.4 mm

1/4" FLOW COUPLING BODIES



PANEL MOUNT – VALVED HOSE BARB

800

PART NUMBER	TUBE ID	METRIC EQ.
cPLMD160-04	1/4"	6.4 mm
cPLMD160-06	3/8"	9.5 mm

UNVALVED

cPLM160-04	1/4"	6.4 mm
cPLM160-05	5/16"	7.9 mm

PANEL MOUNT – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPMMD12-04	1/4"	0.17"	6.4 x 4.3 mm

UNVALVED

cPMM12-04	1/4"	0.17"	6.4 x 4.3 mm
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PANEL MOUNT – VALVED FERRULESS POLYTUBE FITTING, PTF



800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPLMD120-04	1/4"	0.17"	6.4 x 4.3 mm
cPLMD120-06	3/8"	0.25"	9.5 x 6.4 mm

PANEL MOUNT – VALVED UNF FEMALE



800

PART NUMBER	THREAD
cPMMD181032	10-32 UNF

High temperature version available for brass. Please ask for details.

FOUR STEP MULTI-MOUNT ORDERING PROCESS

Step 1: Order two 'multiple mount plates' (one for the coupling bodies & one for the coupling inserts) with the appropriate number of connection stations for your specific application (available in 3, 4, or 5 connections, or construct your own).

Step 2: Order two 'standard panel mount coupling bodies with thumb latches' for the exterior stations.

Step 3: Order an appropriate number of 'multiple mount coupling bodies without thumb latches' to accommodate the remaining interior stations.

Step 4: Order an appropriate number of 'multiple mount inserts' to connect with standard & multiple mount bodies.

NOTE: To order chrome plated brass, remove the 'P' from the beginning of the part number.

Example: cPMMD16-02 = Acetal 1/8" ID Hose Barb
cMMD16-02 = Chrome Plated Brass 1/8" ID Hose Barb

1/8" FLOW COUPLING INSERTS
**IN-LINE – VALVED
HOSE BARB**


800

PART NUMBER	TUBE ID	METRIC EQ.
cPMMD22-02	1/8"	3.2 mm
cPMMD22-04	1/4"	6.4 mm

UNVALVED

cPMM22-02	1/8"	3.2 mm
cPMM22-03	3/16"	4.8 mm
cPMM22-04	1/4"	6.4 mm

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPMMD20-025	5/32"	0.10"	4 x 2.5 mm
cPMMD20-04	1/4"	0.17"	6.4 x 4.3 mm

UNVALVED

cPMM20-025	5/32"	0.10"	4 x 2.5 mm
cPMM20-04	1/4"	0.17"	6.4 x 4.3 mm

**ELBOW – VALVED
FERRULESS POLYTUBE
FITTINGS, PTF**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPMM21-04	1/4"	0.17"	6.4 x 4.3 mm

UNVALVED

cPMM21-04	1/4"	0.17"	6.4 x 4.3 mm
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1/4" FLOW COUPLING INSERTS
**IN-LINE – VALVED
HOSE BARB**


800

PART NUMBER	TUBE ID	METRIC EQ.
cPLMD220-04	1/4"	6.4 mm
cPLMD220-06	3/8"	9.5 mm

UNVALVED

cPLM220-04	1/4"	6.4 mm
cPLM220-05	5/16"	7.9 mm
cPLM220-06	3/8"	9.5 mm

**IN-LINE – VALVED
FERRULESS POLYTUBE
FITTING, PTF**


800

PART NUMBER	TUBE OD	TUBE ID	METRIC EQ.
cPLMD200-04	1/4"	0.17"	6.4 x 4.3 mm
cPLMD200-06	3/8"	0.25"	9.5 x 6.4 mm

UNVALVED

cPLM200-04	1/4"	0.17"	6.4 x 4.3 mm
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ACCESSORIES
**1/8" FLOW
MULTIPLE MOUNT PLATES**


800

PART NUMBER	NO. OF STATIONS
cCP 103	3 Stations
cCP 104	4 Stations
cCP 105	5 Stations

**1/4" FLOW
MULTIPLE MOUNT PLATES**

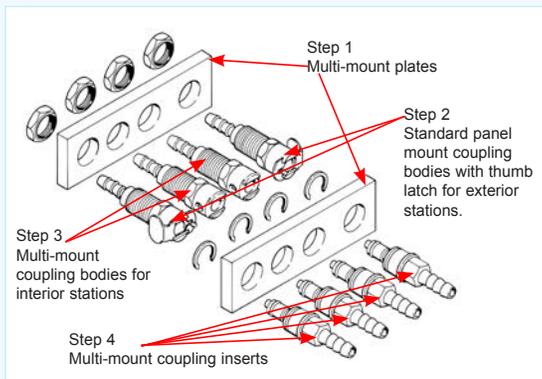

800

PART NUMBER	NO. OF STATIONS
cLCP 103	3 Stations
cLCP 104	4 Stations

RETAINING RINGS

800

PART NUMBER	DESCRIPTION
c01017-00	MC / PMC Series retaining ring
c02781-00	LC / PLC Series retaining ring



DTLD SERIES CONNECTORS

FEATURES		BENEFITS	
<ul style="list-style-type: none"> Shrouded thumb latch Latch always in position to accept insert Compact, modular design Independent quick connections 		<ul style="list-style-type: none"> Minimises inadvertent latch activation Ensures leak free operation Fits well in the hand & is easy to wipe down Requires minimal manual dexterity 	
SPECIFICATIONS			
Pressure	Vacuum to 20 psi (1.38 bar)		
Temperature	0°C to 48°C (32°F to 120°F)		
Materials			
Main components	ABS		
Thumb latch & internal body valve	Acetal		
Internal insert valve	Polypropylene		
Springs	Stainless steel		
O-rings	NBR		
Tubing sizes	1/4" to 3/8" ID, 6.4 mm to 9.5 mm ID		
Compliance	REACH, RoHS		
Seal material	NBR		



COUPLING BODIES

WHITE – DUAL BODY – VALVED PLC HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cDTLD17004	1/4"	6.4 mm
cDTLD17006	3/8"	9.5 mm

BLACK – DUAL BODY – VALVED PLC HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cDTLD17004MBLK	1/4"	6.4 mm
cDTLD17006MBLK	3/8"	9.5 mm

COUPLING INSERTS

WHITE – IN-LINE – VALVED ABS HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD2200406	1/4"	6.4 mm
cPLCD2200606	3/8"	9.5 mm

BLACK – IN-LINE – VALVED ABS HOSE BARB



800

PART NUMBER	TUBE ID	METRIC EQ.
cPLCD2200606MBLK	3/8"	9.5 mm

DPC SERIES CONNECTORS

FEATURES		BENEFITS	
<ul style="list-style-type: none"> Single thumb latch Insert keyed to body Compact, modular design Integral terminations 		<ul style="list-style-type: none"> Intuitive one step, two line connection & disconnection Ensures correct directional flow Attractive, high quality appearance & configuration flexibility Fewer moving parts, shorter assemblies, faster installations 	
SPECIFICATIONS			
Pressure	Vacuum to 120 psi, 8.3 bar		
Temperature	0°C to 82°C (32°F to 180°F)		
Main Component	Acetal		
Spring	316 stainless steel		
Colour	White with blue latch		



COUPLING BODIES

IN-LINE – VALVED HOSE BARB



800

PART NUMBER	TUBE ID
cDPCD17004	1/4"
cDPCD17006	3/8"

UNVALVED

cDPC17004	1/4"
cDPC17006	3/8"

COUPLING INSERTS

IN-LINE – VALVED HOSE BARB



800

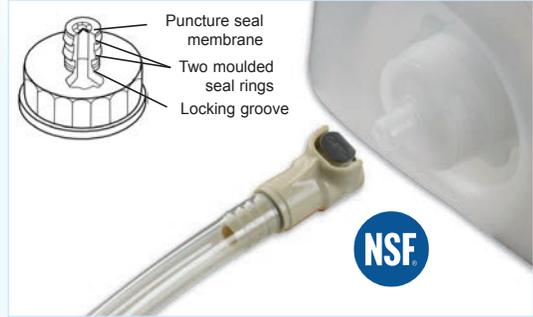
PART NUMBER	TUBE ID
cDPCD22004	1/4"
cDPCD22006	3/8"

UNVALVED

cDPC22004	1/4"
cDPC22006	3/8"

New Additions

FEATURES	BENEFITS
<ul style="list-style-type: none"> Puncture seal coupling Polypropylene & polyethylene materials Puncture seal membrane CPC thumb latch 	<ul style="list-style-type: none"> Easily breaks the puncture seal membrane Greater chemical resistance Eliminates shipping caps & O-rings One hand connection & disconnection
SPECIFICATIONS	
Bodies	Polypropylene
Valve springs	316 stainless steel
External springs, pin, latch	Stainless steel
Seal material	EPDM
Working pressure	Coupling bodies 120 psi (8.3 bar)
Operating temperature	0°C to 71°C (32°F to 160°F)



Min. quantities may apply – please ask at time of ordering

COUPLING BODIES



800

IN-LINE – VALVED HOSE BARB

PART NUMBER	TUBE ID	METRIC EQ.
cPSD1700412	1/4"	6.4 mm
cPSD1700612	3/8"	9.5 mm

UNVALVED

PART NUMBER	TUBE ID	METRIC EQ.
cPS 1700412	1/4"	6.4 mm

CLOSURE



800

SNAP-IN POLYETHYLENE

PART NUMBER	SIZE
c496200	38 mm



800

THREADED POLYETHYLENE

PART NUMBER	SIZE
cPSC38MM	38 mm

Do you also need?

ELDON JAMES

Flexelene™ tubing



Find it on page 634, section ten

Do you also need?

PARKAIR® FEP, PTFE & PFA tube



Find it on page 670, section ten



FEATURES	BENEFITS
<ul style="list-style-type: none"> • Universal 38 mm cap • Flush face valves • Integral terminations • Shrouded thumb latch 	<ul style="list-style-type: none"> • Fits most manufacturers' fitment necks • Minimises spillage • Fewer leak points, shorter assemblies, faster installations • Protects against accidental disconnects
SPECIFICATIONS	
CIP adaptor	Acetal
Coupling, body, valve, clip	Polypropylene
Cap	Acetal, polypropylene
Cap valve	Acetal
Standard seal material	Food grade EPDM, silicone, NBR
Springs	316 stainless steel body, 302 stainless steel cap
Working pressure	20" Hg vacuum to 15 psi (1 bar) body only
Operating temperature	0°C to 71°C (32°F to 160°F)



COUPLING BODIES



800

**IN-LINE – VALVED
FDA SILICONE O-RING**

PART NUMBER	TUBE ID	METRIC EQ.
c99000	3/8"	9.5 mm
c95600	1/2"	12.7 mm
c99100	5/8"	15.9 mm
c99200	3/4"	19.0 mm

FDA NBR O-RING

c98400	3/8"	9.5 mm
c97600	1/2"	12.7 mm
c97900	5/8"	15.9 mm
c98600	3/4"	19.0 mm

FDA EPDM O-RING

c98500	3/8"	9.5 mm
c95300	1/2"	12.7 mm
c98100	5/8"	15.9 mm
c98700	3/4"	19.0 mm

CAPS & ADAPTORS



800

**UNIVERSAL CAP – ACETAL VALVED
38 MM THREAD WITH THREAD SEAL**

PART NUMBER	O-RING
c95801	FDA silicone
c96401	FDA NBR
c97401	FDA EPDM

38 MM THREAD WITHOUT THREAD SEAL

c95800	FDA silicone
c96400	FDA NBR
c97400	FDA EPDM



800

**ELBOW – VALVED
FDA SILICONE O-RING**

PART NUMBER	TUBING SIZE	METRIC EQ.
c99300	3/8"	9.5 mm
c95400	1/2"	12.7 mm

FDA NBR O-RING

c97800	3/8"	9.5 mm
c97700	1/2"	12.7 mm

FDA EPDM O-RING

c99400	3/8"	9.5 mm
c95100	1/2"	12.7 mm

**STRAIGHT CLEAN-IN-PLACE ADAPTOR
UNVALVED
HOSE BARB – NO O-RING**



800

PART NUMBER	TUBE ID
c96000	1/2"

Disposable cap available
Please ask for details

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Factory installed quick disconnects • Hydrophobic packaging vent • Polyethylene foam gasket • Integral hose barb 	<ul style="list-style-type: none"> • Ensures cap properly seals to bottle (even without sealing rings) • Encourages proper fluid handling protocol, allowing easy disconnection to replace or refill consumables in the correct location • Allows dispensing from container while preventing accidental spillage • Allows for mounting of 1/4" ID DIP tube
SPECIFICATIONS	
Temperature	0°C to 49°C (32°F to 120°F)
Materials	Base cap – high density polyethylene Gasket – low density polyethylene Packaging vent – hydrophobic PTFE Quick disconnects – polypropylene, with 316 stainless steel springs & EPDM O-ring
Colour	Blue
FitQuick connector size	To suit 1/4" ID tubing
DIP tube interface size	To suit 1/4" ID tubing



COUPLING BODIES



QUICK DISCONNECT INTERFACE BOTTLE CAPS – POLYETHYLENE

800

PART NUMBER	DIP TUBE ID	FITQUIK TUBE ID
cBQ45GL1001	1/4"	1/4"

COUPLING INSERTS



QUICK DISCONNECT INTERFACE BOTTLE CAPS – POLYETHYLENE

800

PART NUMBER	DIP TUBE ID	FITQUIK TUBE ID
cBQ45GL2001	1/4"	1/4"



INTEGRAL POLYPROPYLENE ELBOW FITTING BOTTLE CAPS – POLYETHYLENE

800

PART NUMBER	DIP TUBE ID	FITQUIK TUBE ID
cBQ45GL5001	1/4"	1/4"

Chemical Compatibility
Request our chemical compatibility table, to help determine which coupling is best for your fluid handling application. Colder insists that all customers test & evaluate the suitability for use of Colder couplings in their particular application.

Do you also need?



Tube fittings

- Shrouded design eliminates barb breakage
- For tubing sizes ranging from 1/16"



Find it on pages 101 – 104, section two

PANEL MOUNT APPLICATIONS

Vacuum, pressure lines, fluid & gases

PANEL MOUNT SPECIFICATIONS

Materials	Acetal
Nut	Nickel plated brass

**PANEL MOUNT
STRAIGHT – 1/2" PANEL OPENING**


800

PART NUMBER	TUBE ID	METRIC EQ.
cBHU 22-02	1/8" x 1/8"	3.2 x 3.2 mm
cBHU 22-04	1/4" x 1/4"	6.4 x 6.4 mm
cBHU 22-06	3/8" x 3/8"	9.5 x 9.5 mm

**10-32 UNF PORTED MANIFOLDS
WITH 1/8" NPT END PORT**


800

PART NUMBER	SIDE PORTS	END PORTS
c32M5	5	1

**1/8" NPT PORTED MANIFOLDS
WITH 1/8" NPT END PORT**

c2M3	3	1
c2M4	4	1
c2M5	5	1

**1/4" NPT PORTED MANIFOLDS
WITH 1/4" NPT END PORT**

c4M3	3	2
c4M4	4	2
c4M5	5	2

**DUST CAPS & PLUGS
BODY PLUGS**


800

PART NUMBER	SERIES	CONNECTION
cPMC31	MC, PMC	Non-sealing
cPLC310	LC, PLC	Non-sealing
cPMC30	PMC	Pressure sealing
cPLC300	PLC	Pressure sealing
cHFC312L	HFC, FFC – c/w leash	Non-sealing

INSERT CAPS

cPMC32	MC, PMC	Non-sealing
cPLC320	LC, PLC, APC, EFC	Non-sealing

Special application or shipping requirements demand a plug to prevent material from entering the bore of the coupling body or insert cap, to protect the exposed coupling insert end

**DUST CAPS & PLUGS
C/W LEASH**


800

PART NUMBER	SERIES	CONNECTION
cHFC312L	HFC, FFC	Non-sealing

**INSERT SEALS
NBR**


800

PART NUMBER	SERIES
c730800	MC, PMC
c731100	LC, PLC, EFC, NS4, APC, TwinTube large, EPDM
c730600	SMC, TwinTube – small
c731600	HFC, FFC

EPDM

c730803	MC, PMC
c731103	LC, PLC, EFC, NS4, APC, TwinTube large
c730603	SMC, TwinTube – small
c731603	HFC, FFC

FLUOROCARBON

c730804	MC, PMC
c731104	LC, PLC, EFC, NS4, APC, TwinTube large
c730604	SMC, TwinTube – small
c731604	HFC, FFC

FERRULESS POLYTUBE FITTING NUTS


800

PART NUMBER	TUBE OD
c100800	1/4"
c108900	3/8"
c269700	5/32" / 4 mm
c339500	8 mm
c358400	10 mm

PTF nuts are designed for semi-rigid tubing i.e. polyethylene, nylon, polyurethane, etc.

**PANEL MOUNT NUTS
SMC, SRC SERIES**


800

PART NUMBER	MATERIAL	THREAD SIZE
c404300	Nickel plated brass	7/16-24 UNS

MC, PMC, PMC12 SERIES

c100900	Nickel plated brass	1/2-24 UNS
c664400	Acetal	1/2-24 UNS
c100901	Stainless steel	1/2-24 UNS

LC, PLC, PLC12, APC, EFC, NS2 SERIES

c120700	Nickel plated brass	11/16-24 UNEF
c520300	Acetal	11/16-24 UNEF
c120701	Stainless steel	11/16-24 UNEF

HFC SERIES

c3303500	Polypropylene	-
c694300	Polysulfone	-



FEATURES

- Made with parting line-free hose barbs

SPECIFICATIONS

Materials	Natural polypropylene White nylon (black nylon, PC & PVDF also available) Acetal (screw-type blood pressure connector) Stainless steel (panel nut)
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THREAD TO TUBE

STRAIGHT – TAPERED UNF MALE POLYPROPYLENE



896

PART NUMBER	THREAD	TUBE ID
cXMS2	10-32 UNF	1/16"
cXMS3	10-32 UNF	3/32"
cXMS4	10-32 UNF	1/8"
cXMS5	10-32 UNF	5/32"

NYLON

cXMS230	10-32 UNF	1/16"
cXMS330	10-32 UNF	3/32"
cXMS430	10-32 UNF	1/8"
cXMS530	10-32 UNF	5/32"

STRAIGHT – UNF MALE POLYPROPYLENE



896

PART NUMBER	THREAD	TUBE ID
cXKS2	1/4-28 UNF	1/16"
cXKS3	1/4-28 UNF	3/32"
cXKS4	1/4-28 UNF	1/8"
cXKS5	1/4-28 UNF	5/32"

NYLON

cXKS230	1/4-28 UNF	1/16"
cXKS330	1/4-28 UNF	3/32"
cXKS430	1/4-28 UNF	1/8"
cXKS530	1/4-28 UNF	5/32"

STRAIGHT – NPT MALE POLYPROPYLENE



896

PART NUMBER	THREAD	TUBE ID
cXN2S2	1/16" NPT	1/16"
cXN2S3	1/16" NPT	3/32"
cXN2S4	1/16" NPT	1/8"
cXN2S5	1/16" NPT	5/32"
cXN4S2	1/8" NPT	1/16"
cXN4S3	1/8" NPT	3/32"
cXN4S4	1/8" NPT	1/8"
cXN4S5	1/8" NPT	5/32"
cXN4S6	1/8" NPT	3/16"
cXN4S8	1/8" NPT	1/4"
cXN8S4	1/4" NPT	1/8"
cXN8S5	1/4" NPT	5/32"
cXN8S6	1/4" NPT	3/16"
cXN8S8	1/4" NPT	1/4"
cXN8S10	1/4" NPT	5/16"
cXN8S12	1/4" NPT	3/8"

NYLON

cXN2S230	1/16" NPT	1/16"
cXN2S330	1/16" NPT	3/32"
cXN2S530	1/16" NPT	5/32"
cXN4S230	1/8" NPT	1/16"
cXN4S330	1/8" NPT	3/32"
cXN4S430	1/8" NPT	1/8"
cXN4S530	1/8" NPT	5/32"
cXN4S630	1/8" NPT	3/16"
cXN4S830	1/8" NPT	1/4"
cXN8S430	1/4" NPT	1/8"
cXN8S530	1/4" NPT	5/32"
cXN8S630	1/4" NPT	3/16"
cXN8S830	1/4" NPT	1/4"
cXN8S1030	1/4" NPT	5/16"
cXN8S1230	1/4" NPT	3/8"

ELBOW – TAPERED UNF MALE POLYPROPYLENE



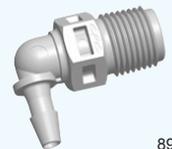
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PART NUMBER	THREAD	TUBE ID
cXME2	10-32 UNF	1/16"
cXME3	10-32 UNF	3/32"
cXME4	10-32 UNF	1/8"
cXME5	10-32 UNF	5/32"

NYLON

cXME230	10-32 UNF	1/16"
cXME330	10-32 UNF	3/32"
cXME430	10-32 UNF	1/8"
cXME530	10-32 UNF	5/32"

ELBOW – NPT MALE POLYPROPYLENE



896

PART NUMBER	THREAD	TUBE ID
cXN4E4	1/8" NPT	1/8"
cXN4E6	1/8" NPT	3/16"
cXN4E8	1/8" NPT	1/4"
cXN8E8	1/4" NPT	1/4"
cXN8E12	1/4" NPT	3/8"

NYLON

cXN4E430	1/8" NPT	1/8"
cXN4E630	1/8" NPT	3/16"
cXN4E830	1/8" NPT	1/4"
cXN8E830	1/4" NPT	1/4"
cXN8E1230	1/4" NPT	3/8"

All 1/16" hose barb fittings on this page are supplied with shroud

THREAD TO TUBE



TEE – TAPERED UNF MALE
POLYPROPYLENE

896

PART NUMBER	THREAD	TUBE ID
cXMT2	10-32 UNF	1/16"
cXMT3	10-32 UNF	3/32"
cXMT4	10-32 UNF	1/8"
cXMT5	10-32 UNF	5/32"

NYLON

cXMT230	10-32 UNF	1/16"
cXMT330	10-32 UNF	3/32"
cXMT430	10-32 UNF	1/8"
cXMT530	10-32 UNF	5/32"

TUBE TO TUBE



STRAIGHT
POLYPROPYLENE

896

PART NUMBER	TUBE ID
cXHS2	1/16"
cXHS3	3/32"
cXHS4	1/8"
cXHS5	5/32"
cXHS6	3/16"
cXHS8	1/4"
cXHS12	3/8"

NYLON

cXHS230	1/16"
cXHS330	3/32"
cXHS430	1/8"
cXHS530	5/32"
cXHS630	3/16"
cXHS830	1/4"
cXHS1230	3/8"

THREAD TO THREAD



NIPPLE – TAPERED UNF MALE
POLYPROPYLENE

896

PART NUMBER	THREAD
cXN32	10-32 UNF

THREADED PLUGS



PLUGS – TAPERED UNF MALE
POLYPROPYLENE

896

PART NUMBER	THREAD
cXMP	10-32 UNF

NYLON

cXMP30	10-32 UNF
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PLUGS – NPT MALE
POLYPROPYLENE



896

PART NUMBER	THREAD
cXN2P	1/16" NPT
cXN4P	1/8" NPT
cXN8P	1/4" NPT

NYLON

cXN2P30	1/16" NPT
cXN4P30	1/8" NPT
cXN8P30	1/4" NPT

TEE
POLYPROPYLENE



896

PART NUMBER	TUBE ID
cXHT2	1/16"
cXHT3	3/32"
cXHT4	1/8"
cXHT5	5/32"
cXHT6	3/16"
cXHT8	1/4"
cXHT12	3/8"

NYLON

cXHT230	1/16"
cXHT330	3/32"
cXHT430	1/8"
cXHT530	5/32"
cXHT630	3/16"
cXHT830	1/4"
cXHT1230	3/8"

All 1/16" hose barb fittings on this page are supplied with shroud

TUBE TO TUBE



896

Y
POLYPROPYLENE

PART NUMBER	TUBE ID
cXHY2	1/16"
cXHY3	3/32"
cXHY4	1/8"
cXHY5	5/32"
cXHY6	3/16"
cXHY8	1/4"
cXHY12	3/8"

NYLON

cXHY230	1/16"
cXHY330	3/32"
cXHY430	1/8"
cXHY530	5/32"
cXHY630	3/16"
cXHY830	1/4"
cXHY1230	3/8"



896

STRAIGHT REDUCER
POLYPROPYLENE

PART NUMBER	TUBE ID	TUBE ID
cXHSR32	3/32"	1/16"
cXHSR42	1/8"	1/16"
cXHSR43	1/8"	3/32"
cXHSR52	5/32"	1/16"
cXHSR53	5/32"	3/32"
cXHSR54	5/32"	1/8"
cXHSR62	3/16"	1/16"
cXHSR63	3/16"	3/32"
cXHSR64	3/16"	1/8"
cXHSR65	3/16"	5/32"
cXHSR84	1/4"	1/8"
cXHSR85	1/4"	5/32"
cXHSR86	1/4"	3/16"
cXHSR128	3/8"	1/4"

NYLON

cXHSR3230	3/32"	1/16"
cXHSR4230	1/8"	1/16"
cXHSR4330	1/8"	3/32"
cXHSR5230	5/32"	1/16"
cXHSR5330	5/32"	3/32"
cXHSR5430	5/32"	1/8"
cXHSR6230	3/16"	1/16"
cXHSR6330	3/16"	3/32"
cXHSR6430	3/16"	1/8"
cXHSR6530	3/16"	5/32"
cXHSR8430	1/4"	1/8"
cXHSR8530	1/4"	5/32"
cXHSR8630	1/4"	3/16"
cXHSR12830	3/8"	1/4"

LUERS



898

FEMALE LUER
POLYPROPYLENE

PART NUMBER	TUBE ID
cXLF21	1/16"
cXLF31	3/32"
cXLF41	1/8"
cXLF51	5/32"
cXLF61	3/16"

NYLON

cXLF2130	1/16"
cXLF3130	3/32"
cXLF4130	1/8"
cXLF5130	5/32"
cXLF6130	3/16"



898

MALE LUER
POLYPROPYLENE

PART NUMBER	TUBE ID
cXLM21	1/16"
cXLM31	3/32"
cXLM41	1/8"
cXLM51	5/32"
cXLM61	3/16"

NYLON

cXLM2130	1/16"
cXLM3130	3/32"
cXLM4130	1/8"
cXLM5130	5/32"
cXLM6130	3/16"



898

MALE SLIP LUER
POLYPROPYLENE

PART NUMBER	TUBE ID
cXSML21	1/16"
cXSML31	3/32"
cXSML41	1/8"
cXSML51	5/32"
cXSML61	3/16"

NYLON

cXSML2130	1/16"
cXSML3130	3/32"
cXSML4130	1/8"
cXSML5130	5/32"
cXSML6130	3/16"

All 1/16" hose barb fittings on this page are supplied with shroud

Colours
Nylon fittings & accessories also available in black. Minimum order quantities do apply. Please contact your distributor for more details.

LUERS

**PANEL MOUNT MALE LUER
POLYPROPYLENE**



898

PART NUMBER	TUBE ID
cXPMLM21	1/16"
cXPMLM31	3/32"
cXPMLM41	1/8"

NYLON

cXPMLM2130	1/16"
cXPMLM3130	3/32"
cXPMLM4130	1/8"

**PANEL MOUNT FEMALE LUER
POLYPROPYLENE**



898

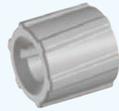
PART NUMBER	TUBE ID
cXPMLF21	1/16"
cXPMLF31	3/32"
cXPMLF41	1/8"

NYLON

cXPMLF2130	1/16"
cXPMLF3130	3/32"
cXPMLF4130	1/8"

LUER ACCESSORIES

**ROTATING LUER LOCKING RINGS
POLYPROPYLENE**



898

PART NUMBER	COLOUR
cXLMSR	Natural

NYLON

cXLMSR30	White
cXLMSR31	Black
cXLMSR32	Yellow
cXLMSR33	Blue
cXLMSR34	Red
cXLMSR35	Green
cXLMSR36	Orange

**NON-ROTATING
LOCKING LUER RINGS
POLYPROPYLENE**



898

PART NUMBER	COLOUR
cXLMSL	Natural

NYLON

cXLMSL30	White
cXLMSL31	Black
cXLMSL32	Yellow
cXLMSL33	Blue
cXLMSL34	Red
cXLMSL35	Green
cXLMSL36	Orange

LUER ACCESSORIES

**LUER CAPS
POLYPROPYLENE**



898

PART NUMBER	DESCRIPTION
cXLCAP	Luer cap

NYLON

cXLCAP30	Luer cap
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**PANEL NUT
STAINLESS STEEL**



898

PART NUMBER	THREAD
cXPMNUTSST	1/4-28 UNF

**COLOUR CODED RINGS
POLYPROPYLENE**



898

PART NUMBER	COLOUR
cXPMRL	Natural

NYLON

cXPMRL30	White
cXPMRL31	Black
cXPMRL32	Yellow
cXPMRL33	Blue
cXPMRL34	Red
cXPMRL35	Green
cXPMRL36	Orange

BLOOD PRESSURE CONNECTORS

**BAYONET MALE
NYLON**



897

PART NUMBER	TUBE ID
cXBC330	3/32"
cXBC430	1/8"
cXBC530	5/32"
cXBC630	3/16"

**BAYONET FEMALE
NYLON**



897

PART NUMBER	TUBE ID
cXBCF497	1/8"
cXBCF597	5/32"

All 1/16" hose barb fittings on this page are supplied with shroud

CHECK VALVES



DESCRIPTION

Check valves are moulded in virgin materials only. Our disc based check valves utilise a free floating design & can be used in any position with an immediate response to change in pressure or flow.



STANDARD CHECK VALVE
NATURAL NYLON SILICONE

2310

PART NUMBER	TUBE ID
CV-1/8-NYS	1/8"
CV-3/16-NYS	3/16"
CV-1/4-NYS	1/4"
CV-3/8-NYS	3/8"

STANDARD CHECK VALVE
NATURAL NYLON NEOPRENE



2310

PART NUMBER	TUBE ID
CV-1/8-NYN	1/8"
CV-3/16-NYN	3/16"
CV-1/4-NYN	1/4"
CV-3/8-NYN	3/8"

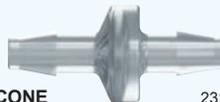
STANDARD CHECK VALVE
NATURAL KYNAR FKM



2310

PART NUMBER	TUBE ID
CV-1/8-KAS	1/8"
CV-3/16-KAS	3/16"
CV-1/4-KAS	1/4"
CV-3/8-KAS	3/8"

STANDARD CHECK VALVE
NATURAL POLYCARBONATE SILICONE



2310

PART NUMBER	TUBE ID
CV-1/8-PCS	1/8"
CV-3/16-PCS	3/16"
CV-1/4-PCS	1/4"
CV-3/8-PCS	3/8"

STANDARD CHECK VALVE
NATURAL POLYPROPYLENE FKM



2310

PART NUMBER	TUBE ID
CV-1/8-PPV	1/8"
CV-3/16-PPV	3/16"
CV-1/4-PPV	1/4"
CV-3/8-PPV	3/8"

HDPE IN-LINE FILTERS



DESCRIPTION

In-line filters are moulded in virgin materials only & are designed for removing most visible particulate in aqueous solutions. Standard materials are natural nylon, natural polypropylene, & clear polycarbonate. Non-standard materials & configurations are available on request.

HDPE IN-LINE FILTER
NATURAL POLYPROPYLENE



2310

PART NUMBER	TUBE ID	FILTRATION
ILF-1/8-PP4590	1/8"	45 – 90 micron
ILF-1/8-PP90130	1/8"	90 – 130 micron
ILF-3/16-PP4590	3/16"	45 – 90 micron
ILF-3/16-PP90130	3/16"	90 – 130 micron
ILF-1/4-PP4590	1/4"	45 – 90 micron
ILF-1/4-PP90130	1/4"	90 – 130 micron
ILF-3/8-PP4590	3/8"	45 – 90 micron
ILF-3/8-PP90130	3/8"	90 – 130 micron

HDPE IN-LINE FILTER
NATURAL NYLON



2310

PART NUMBER	TUBE ID	FILTRATION
ILF-1/8-NY4590	1/8"	45 – 90 micron
ILF-1/8-NY90130	1/8"	90 – 130 micron
ILF-3/16-NY4590	3/16"	45 – 90 micron
ILF-3/16-NY90130	3/16"	90 – 130 micron
ILF-1/4-NY4590	1/4"	45 – 90 micron
ILF-1/4-NY90130	1/4"	90 – 130 micron
ILF-3/8-NY4590	3/8"	45 – 90 micron
ILF-3/8-NY90130	3/8"	90 – 130 micron

HDPE IN-LINE FILTER
NATURAL POLYCARBONATE



2310

PART NUMBER	TUBE ID	FILTRATION
ILF-1/8-PC4590	1/8"	45 – 90 micron
ILF-1/8-PC90130	1/8"	90 – 130 micron
ILF-3/16-PC4590	3/16"	45 – 90 micron
ILF-3/16-PC90130	3/16"	90 – 130 micron
ILF-1/4-PC4590	1/4"	45 – 90 micron
ILF-1/4-PC90130	1/4"	90 – 130 micron
ILF-3/8-PC4590	3/8"	45 – 90 micron
ILF-3/8-PC90130	3/8"	90 – 130 micron

Most CPC products on the previous pages can be supplied with the modifications listed, subject to a minimum quantity of 100 pieces per modified product & a net cost of £450 per product. Smaller quantities can be quoted separately based on bag quantities with a setup charge.

Some of the more popular combinations, such as PLCD in-line couplings & inserts with FKM seals are carried as stock items, in which case there would be no minimum order requirement.

Please contact your distributor to check if this is applicable to your modification.

*Dyeing of couplings is offered as a convenient method of colour coding acetal products in smaller quantities. Dyed couplings vary in colour & consistency, & the colourant may leach from the coupling if used with a liquid medium. For applications requiring a consistent & stable colourant, contact your distributor for 'moulded colour' applications. Minimum quantity for moulded coloured products applies.

ADDITIONS – PLEASE CONTACT YOUR DISTRIBUTOR FOR COSTS

NOTE: THERE ARE NO RETURNS ON MODIFIED PRODUCTS

DESCRIPTION
SEAL CHANGES IN STANDARD COUPLINGS
Fluorocarbon (V), EPDM (EPR), NBR (BN) – PRICE per seal
Food Grade NBR (FBN) & Food Grade EPDM (FEP) – PRICE per seal
Non-valved body: no seal
Valved body: 1 seal
Non-valved insert: 1 seal
Valved insert: 2 seals
Twintube™ insert: 2 seals
Tentube™ assembly (V, EPR & BN only)
Kalrez seals (LC, MC, PLC, PMC, APC, EFC) – PRICE per seal
Kalrez seals (other series) – PRICE per seal
Hastelloy C (HC) valve spring charge
FKM seals (NS1, NS2, NS4, NS6) – PRICE per coupling half
FKM seals (NSH) – PRICE per coupling half

ADDITIONS – PLEASE CONTACT YOUR DISTRIBUTOR FOR COSTS

NOTE: THERE ARE NO RETURNS ON MODIFIED PRODUCTS

DESCRIPTION
PANEL NUT MATERIAL CHANGE (STANDARD – NICKEL PLATED BRASS)
Acetal (MC, LC, EFC sizes)
Stainless steel (MC sizes)
Stainless steel (LC, EFC sizes)
PANEL & PTF NUT ASSEMBLED ONTO COUPLING (NA)
Product with one nut
Product with two nuts
OTHER MODIFICATIONS
High temp. valve (HT) for chrome plated brass couplings (chrome plated brass valve, fluorocarbon seal)
Colour dyeing of standard acetal couplings* – PRICE per part
Exclusion of body thumb latch assembly (NC) – (except panel mount, see multiple mount section)
Exclusion of valve assembly (PMC, PLC, APC, EFC & HFC)

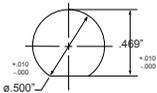
Modified parts are subject to CPC approval & order acceptance.

PANEL MOUNT OPENING DIMENSIONS & SPECIFICATIONS

PMC Series

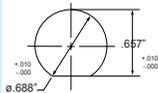
GREENLEE® punch number 60077

Greenlee is a registered trademark of Greenlee Textron, Inc.



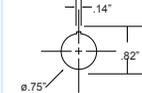
APC Series

Max. panel thickness: 1/2"
Min. panel thickness: 0.02"



EFC Series

Gasket thickness: .06"
Mounting hole: .720" dia.
Coupling spacing: 1.25" min.
Greenlee 720 keyway punch & 730BB-3/4 hole punch.



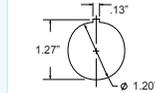
HFC Series

Gasket thickness: .06"
Mounting hole: 1.21" dia.
Coupling spacing: 1.62" min.
Panel thickness: 1/4"



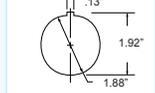
Sixtube Series

Panel thickness: 1/8"
Diameter hole: 1.2"



Tentube Series

Panel thickness: 7/16"
Diameter hole: 1.875"



PANEL MOUNT SPECIFICATIONS

	PANEL OPENING	MAX. OPENING THICKNESS	MIN. OPENING THICKNESS
SMC Series			
Coupling Bodies & Inserts	7/16	0.21	0.03
PMC Series			
Coupling Bodies	see sketch	0.50	0.05
Coupling Inserts	1/2	0.30	0.05
PMC12 Series			
Coupling Bodies	1/2	0.50	0.05
MC Series			
Coupling Bodies (except male thread)	1/2	0.50	0.05
Coupling Bodies (male thread only)	1/2	0.21	0.05
Coupling Inserts	1/2	0.30	0.05
APC Series			
Coupling Bodies	see sketch	0.50	0.02
Coupling Inserts	11/16	0.30	0.02
PLC12 Series			
Coupling Bodies	11/16	0.50	0.02
Coupling Inserts	11/16	0.30	0.02
LC Series			
Coupling Bodies & Inserts	11/16	0.50	0.05
LC SST Series			
Coupling Bodies	3/4	0.65	0.05
EFC Series			
Coupling Bodies & Inserts	23/32	0.50	0.00

PANEL MOUNT SPECIFICATIONS

	PANEL OPENING	MAX. OPENING THICKNESS	MIN. OPENING THICKNESS
NSH Series			
Adaptor Kit	2	0.50	0.13
HFC12 / 35 / 57 Series			
Coupling Bodies	see sketch	0.25	0.00
FFC 35 Series			
Coupling Bodies	1.21	0.25	0.00
Twin Tube Series			
Coupling Bodies – Acetal	0.69	0.50	0.05
Coupling Bodies – ABS	0.69	0.30	0.02
TenTube Series			
Adaptor	1.88	0.44	0.06
Multi Mount Series – 1/8" Flow			
Multi Mount Bodies	1/2	0.50	0.05
Multi Mount Series – 1/4" Flow			
Multi Mount Bodies	11/16	0.50	0.02
Keyed Colour Coded Series			
Coupling Bodies	1/2	0.50	0.02
Tube Fittings			
Union	1/2	0.25	0.05
NS4 Series			
Coupling Inserts	15/16	0.25	0.03
NS6 Series			
Coupling Inserts	1.1/4	0.25	0.03

The type of media flowing through a connection can affect the strength, surface appearance, colour, & performance of the connection. Some guidelines for the different types of material:

THERMOPLASTICS

Acetal Strong, lightweight, economical, & used for a wide variety of chemical & mechanical components. Acetal offers high strength & rigidity over a broad temperature range, low wear, toughness, & resistance to repeated use.

ABS Economical medical grade thermoplastic that withstands gamma & e-beam sterilisation. It is commonly used in medical devices. ABS is an amorphous material with good physical properties & high resistance to chemical attack.

Polyamide (Nylon) Very resistant to wear & abrasion, good mechanical properties even at elevated temperatures, low permeability to gases & good chemical resistance.

Polysulfone Rigid material with excellent strength, good chemical resistance, withstands repeated sterilisation, & higher temperatures than other thermoplastics. High hydrolytic stability allows its use in medical applications requiring autoclave & steam sterilisation.

Polycarbonate Resistant to some chemicals, withstands sterilisation & is transparent. It is commonly used in medical devices & offers impact resistance, outstanding dimensional stability & good optical properties.

Polypropylene Excellent general purpose resin that is highly resistant to chemical attack from solvents & chemicals in harsh environments. In general, polypropylene is resistant to environmental stress cracking, & it can be exposed to challenging environments.

Polyethylene Low cost, chemically resistant thermoplastic. It is opaque & can withstand reasonably high temperature. Polyethylene, unlike polypropylene, cannot withstand normally required autoclaving conditions.

PEEK (Polyetheretherketon) Highly temperature resistant, engineered thermoplastic with excellent chemical & fatigue resistance. It exhibits superior mechanical & electrical properties.

PPS (Polyethylene Sulfide) Broadest resistance to chemicals for its market as an advanced engineering plastic. (PEEK & PTFE have better resistance, but are not considered engineering resins.)

FLUOROPOLYMERS

PVDF Tough engineering thermoplastic with a balance of physical & chemical properties that qualify it for high performance in a wide range of applications. It is mechanically strong & tough, has good ductility, & has a broad, useful temperature range.

PTFE Chemically resistant to all chemicals & solvents with the exception of some molten metals, molten sodium hydroxide, elemental fluorine, & certain fluorinating agents. PTFE offers chemical resistance & stability at high temperature.

ALLOYS

Chrome plated brass Rugged metallic material with an attractive appearance, chrome plated brass is excellent for higher pressure & temperature.

Die-cast zinc Durable & lightweight (about 20% less than comparable brass) material that withstands high pressure & temperature.

Aluminium Lightweight metal with an available hard anodised finish for durability. Aluminium is non-toxic, non-magnetic & non-sparking & is known for its high strength to weight ratio.

O-RING SELECTION

NBR (Buna-N) A common material for o-rings with a temperature range of -4°C to 121°C (-30°F to 250°F).

FKM Well known for its outstanding resistance to heat, oxidation, weathering, & ozone. The temperature range is -26°C to 204°C (-15°F to 400°F).

EPDM Ethylene-propylene-diene rubber (EPDM, also sometimes referred to as EPR) is a chemically resistant family of compounds. Colder uses high quality peroxide cured EPDMs that provide exceptional resistance to temperatures with a wide range of chemicals.

FFKM (Chemraz®, Simriz®, Kalrez®) Broadest range of chemical resistance of any elastomeric material, combining the resilience & sealing force of an elastomer with chemical resistance approaching that of PTFE.

PFA & FEP Encapsulated seals combine the resiliency of the elastomer with the superior chemical resistance of the fluoropolymer to achieve a seal that is lower cost than a pure fluoroelastomer FFKM seal.

Food grade Commonly used when food, beverages or potable water is going through the coupling.

Silicone Seals have good temperature resistance. The temperature range is -57°C to +204°C (-70°F to +400°F) with special compounds that can reach 79°C to 232°C (175°F to 450°F). Silicone can also be supplied with Class VI requirements for life sciences applications.

INTERPRETATION OF TEST DATA

WARNING:

The compatibility data was assembled from 3 main sources: a) the Chemical Resistance Guides published by COMPASS PUBLICATIONS[®], b) the Chemical Resistance guide published by VICTREX, the manufacturer of PEEK[™] & c) the Entegris Chemical Compatibility Chart. The table is to be used as a general guide only. Colder Products Company is not responsible for the accuracy of this data & assumes no obligation of liability in connection with its use. **Therefore, CPC insists that all customers test & evaluate the suitability for use of CPC couplings in their particular application before using the couplings.**

NOTES:

- * PVDF may discolour after prolonged exposure in Potassium Hydroxide.
- * Polypropylene may discolour after prolonged exposure in Sulphuric Acid.

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