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CPC quick couplings

CPC quick couplings are easy-to-use tube connectors for fluids and gases. We offer a range of coupling series catering for quick connection and disconnection of tube lines with nominal diameters from 1.2mm to 19mm.

Most CPC couplings are available with shut-off valves on one or both ends. Our product range includes various systems for the attachment of the couplings, depending on the medium and the tubes used. The CPC couplings are

available in different materials to cover all requirements regarding resistance to chemicals, pressure and temperature.



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Standard quick couplings

Series	Nominal diameter	Material	O-ring	Temperature	Pressure	Coupling configuration	Plug configuration
SMC	DN 1.2 mm	Delrin acetal Polypropylene Polycarbonate	Buna-N EPDM Buna-N	-40°C to 80°C 0°C to 80°C -40°C to 120°C	7 bar	Male thread Panel mount In-line	Panel mount In-line
PMC	DN 3.2 mm	Delrin acetal	Buna-N	-40°C to 80°C	8 bar	Male thread Panel mount In-line	Male thread Panel mount In-line Elbow
PMC12	DN 3.2 mm	Polypropylene	EPDM	0°C to 70°C	8 bar	Male thread Panel mount In-line	Male thread In-line Elbow
PLC	DN 6.4 mm	Delrin acetal	Buna-N	-40°C to 80°C	8 bar	Male thread Panel mount In-line	Male thread Panel mount In-line Elbow
PLC12	DN 6.4 mm	Polypropylene	EPDM	0°C to 70°C	8 bar	Male thread Panel mount In-line	Male thread Panel mount In-line Elbow
APC	DN 6.4 mm	Delrin acetal	Buna-N	-40°C to 80°C	8 bar	Male thread In-line	Male thread In-line Elbow
EFC12	DN 7.2 mm	Polypropylene	EPDM	0°C to 70°C	8 bar	Male thread Panel mount In-line	Male thread In-line Elbow

High-flow quick couplings

	Series	Nominal diameter	Material	O-ring	Temperature	Pressure	Coupling configuration	Plug configuration
New	HFC12	DN 9.6 mm	Polypropylene	EPDM	0°C to 70°C	4 bar	Male thread Panel mount In-line	Male thread In-line Elbow
	HFC35	DN 9.6 mm	Polysulfone	EPDM	-40°C to 140°C	8 bar	Male thread Female thread Panel mount In-line	Male thread Female thread In-line Elbow
	HFC57	DN 9.6 mm	Polysulfone UV-resistant	EPDM	-40°C to 140°C	8 bar	Male thread Female thread Panel mount In-line	Male thread Female thread In-line
	FFC35	DN 12.7 mm	Polysulfone UV-resistant	EPDM	-40°C to 140°C	8 bar	Male thread Panel mount In-line	Male thread Female thread In-line
New	CQH06 CQG06	DN 9.6 mm	PP, virgin	FKM FFKM FKM	0°C to 110°C -18°C to 110°C 0°C to 60°C	5.5 bar	Male thread Panel mount Flare	Male thread Flare

Non-spill quick couplings

	Series	Nominal diameter	Material	O-ring	Temperature	Pressure	Coupling configuration	Plug configuration
New	NS1	DN 1.2 mm	Polypropylene, glass-filled	EPDM	0°C to 50°C	1 bar	In-line	Male thread In-line ¼ - 28 female thread
New	NS2	DN 3.2 mm	PP, glass-filled	EPDM	0°C to 49°C	3 bar	Male thread Panel mount In-line	Male thread Panel mount In-line
New	NS4	DN 6.4 mm	PP, glass-filled	EPDM	0°C to 71°C	8 bar	Male thread In-line	Male thread Panel mount In-line Elbow
New	NS6	DN 9.6 mm	PP, glass-filled	EPDM	0°C to 71°C	8 bar	Male thread In-line	Male thread Panel mount In-line
New	NSH	DN 12.7mm	PP, glass-filled	EPDM	0°C to -49°C	8 bar	Male thread Female thread PTF Polytube fitting In-line Panel mount	Male thread Female thread PTF Polytube fitting In-line Panel mount

Chrome-plated brass, stainless steel or PPSU quick couplings

Series	Nominal diameter	Material	O-ring	Temperature	Pressure	Coupling configuration	Plug configuration
New MC	DN 3.2 mm	Cr-plated brass	Buna-N	-40°C to 80°C	17 bar	Male thread Panel mount In-line	Male thread Panel mount In-line Elbow Female thread
MC-SST		Stainless steel	FKM				
New LC	DN 6.4 mm	Cr-plated brass	Buna-N	-40°C to 80°C	17 bar	Male thread Panel mount In-line	Male thread Panel mount In-line Elbow
LC-SST		Stainless steel	FKM				
New LQ2	DN 3.2 mm	Cr-plated brass	EPDM	-18°C to 115°C	8 bar	Male thread Panel mount In-line	Male thread Panel mount In-line
PLQ2		PPSU Polyphenylsulfone					
New LQ4	DN 6.4 mm	Cr-plated brass	EPDM	-18°C to 115°C	8 bar	Male thread In-line	Male thread In-line
LQ4S		Stainless steel		-17°C to 115°C			
PLQ4		PPSU Polyphenylsulfone		-17°C to 85°C			
New LQ6	DN 9.6 mm	Cr-plated brass	EPDM	-18°C to 115°C	8 bar	Male thread In-line	Male thread In-line
New LQ8	DN 16 mm	Cr-plated brass	EPDM	-18°C to 115°C	8 bar	Male thread In-line	Male thread In-line

Multi-port quick couplings

Series	Nominal diameter	Material	O-ring	Temperature	Pressure	Coupling configuration	Plug configuration
PTC TwinTube	1.6 mm 4.0 mm	Delrin acetal	Buna-N	-40°C to 80°C	7 bar	In-line Panel mount	In-line Panel mount
DPC- Series	6.4 mm 9.5 mm	Acetal	Buna-N	0°C to 82°C	8 bar	In-line Hose barb	In-line Hose barb
SX SixTube	1.6 mm 3.0 mm 4.0 mm	Delrin acetal Polypropylene	Buna-N EPDM	-40°C to 80°C 0°C to 80°C	7 bar	In-line Panel mount	In-line Panel mount
TF TenTube	1.6 mm 3.0 mm 4.0 mm	Delrin acetal Polypropylene	Buna-N EPDM	-40°C to 80°C 0°C to 80°C	7 bar	In-line Panel mount	In-line Panel mount



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