

Fittings or Couplers: Select the Right Product for Your Application

- A few disconnections only: up to 5 times (before shortening the tube)
- Used with tubing connection
- Not recommended for disconnecting under pressure
- Prefer a coupler solution, double shut off & flat face

Frequency of connection / Disconnection

Tubing or hose connection

Disconnection under pressure

No drop-leaking

- Frequent connection/disconnection: up to 10.000
- Used with hose barb connection
- Authorizes self venting or double shut-off options
- Flat face technology, a solution for zero drop requirements



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Technology	Materials		Product Range	Maximum Pressure (bar)	Working Temperature	Fluids
	Body	Seals				
Push-In Fittings	Technical polymer	NBR	LF 3000®	Vacuum to 20 bar	-20°C to +80°C	Compressed air
		EPDM	LIQUIfit®	Vacuum to 16 bar	-10°C to +95°C -10°C to +130°C for tube/tube fittings O.D. 4/6/8 mm	Liquids
		EPDM	LIQUIfit® with Metal Adaptor	Vacuum to 16 bar	-10°C to +95°C -10°C to +130°C for tube/tube fittings O.D. 4/6/8 mm	Liquids
		EPDM	LF 6800	Vacuum to 15 bar	-10°C to +95°C	O ₂ , analytical gases
	Brass & Nickel-plated brass	FKM	LF 3600	Vacuum to 30 bar	-25°C to +150°C	All brass-compatible fluids
Compression Fittings	Brass		Brass Compression Fittings	Vacuum to 550 bar (depending on the type of tubing)	-60°C to +250°C	Compressed air, industrial fluids
	Stainless steel 316L		Stainless Steel Compression Fittings	Vacuum to 400 bar (80 bar in aggressive environment)	-60°C to +250°C	All fluids
Function Fittings	Technical polymer	NBR	Polymer Flow Control Regulators	10 bar	0°C to 70°C	Compressed air
	Brass & Nickel-plated brass	NBR	Metal Flow Control Regulators, Brass	10 bar	-25°C to +70°C	Compressed air
	Stainless steel	FKM	Metal Flow Control Regulators, Stainless Steel	40 bar	-15°C to +120°C	Compressed air
Flat Sealing	Technical polymer	NBR	Non-Return Valves	10 bar	0°C to 70°C	Compressed air
	POM	EPDM	LIQUIfit® Non-Return Valves	10 bar	1°C to 65°C	Drinkable water, treated water, beverages
	Stainless steel 316L	FKM	Stainless Steel Non-Return Valves	40 bar	-20°C to 180°C	Many fluids
	Technical polymer	NBR	Piloted Non-Return Valves	10 bar	-5°C to +60°C	Compressed air
	FDA chemical plated brass	NBR FKM	Adjustable Non-Return Valves	12 bar	-20°C to +80°C	Compressed air

Range	Materials	Profile	DN	Series	Shut-off Direction	Maximum Pressure (bar)	Working Temperature	Fluids
Brass/Steel	Brass/Steel	EURO	2.7	Series 20	KA/KB	up to 35 bar	-20°C to +100°C	Liquid or gaseous media
		EURO	5	Series 21	KA/KB/KL			
		ARO	5.5	Series 14	KA/KB			
		ISO 6150C	5.5	Series 18	KA			
		ISO B	5.5	Series 24				
		ISO B	5.5	Series 23	KA			
		EURO	7.2	Series 26	KA/KB			
		EURO	7.8	Series 25	KA/KB			
		EURO	7.8	Series 1625	KA			
		EURO	10	Series 27	KA/KB			
American	15	Series 38	KA/KB					
ISO 7241-1 B	4.3-20	Series 70	KB	up to 100 or 250 bar				
Stainless Steel	Stainless steel	EURO	2.7	Series 20	KA/KB	up to 35 bar	-15°C to +200°C	Liquid or gaseous media
		ISO C	3	Series 303	KB			
		EURO	5	Series 21	KA/KB			
		EURO	7.4	Series 25	KA/KB			
		EURO	10	Series 27	KA/KB			
ISO 7241-1 B	4.3-20	Series 70	KB	up to 100 or 250 bar				
Thermoplastic	POM	5	Series 21	KA/KB	up to 10 bar	-20°C to +80°C	Liquid or gaseous media	
		7	Series 48					
		4.3-20	Series 70					
		21	Series 21					
PVDF	21	Series 21	KA/KB	up to 8 bar	-20°C to +120°C	Liquid or gaseous media		
	48	Series 48						
PVDF with PEEK spring	48	Series 48	KB	1 to 8 bar	-20°C to +120°C	Liquid or gaseous media		
Flat Sealing	Nickel-plated brass/brass	4-9	Series 200KL	KL	up to 15 bar	-20°C to +100°C (NBR) -15°C to +200°C (FKM)	Liquids	
		3-12	Series 200KEK					
Safety	Standard Nickel-plated brass/brass	5	Series 21KS	KA/KB	up to 35 bar up to 35 bar (up to 70 bar with steel body and sleeve)	-20°C to +100°C	Breathing air	
		7.8	Series 25KS					
	Breathing Air Nickel-plated brass or Stainless steel	7.4	Series 95KS	KA	up to 35 bar	-20°C to +100°C	Breathing air	
		7.4	Series 96KS					
	Self-Venting with Push Button Technology Anodised aluminium, nickel-plated brass	ISO 6150 C	5.5	Series 18KP	KA	up to 12 bar	-20°C to +100°C	Compressed Air
		ISO 6150 B	5.5	Series 24KP				
		EURO	7.4	Series 26KP				
		ISO 6150 B	8	Series 30KP				
	Self-Venting with Sleeve Technology	ISO 6150 C	8	Series 84KP	KA	up to 12 bar	-20°C to +100°C	Compressed Air
		ARO	5.5	Series 14KE				
		ISO B	5.5	Series 1400KE				
		ISO B	5.5	Series 24KE				
EURO		7.4	Series 26KE					
EURO		7.8	Series 1600KE					
EURO		10	Series 1700KE					
C 9000								



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