Product Selection Table

Push-In Fittings	Materials	Fluids	Maximum Pressure (bar)	Temperature		Performance in Aggressive Environments	
				Min.	Max.	Mechanical	Chemical
LF 3000®	Technical polymer/brass/NBR	Compressed air	20	-20°C	+80°C	Good	Moderate
LIQUIfit®	Bio-sourced polymer/EPDM	Liquids	16	-10°C	+95°C	Moderate	Good
LF 3200	Nickel-plated brass/NBR	Compressed air	20	-15°C	+80°C	Excellent	Moderate
LF 3600	Chemical nickel-plated brass FDA/FKM	All brass-compatible fluids	30	-20°C	+150°C	Excellent	Good
LF 6100	Brass/NBR	Oil, analytical gases	60	-40°C	+120°C	Excellent	Moderate
LF 3800 / LF 3900	316L - 303 stainless steel/FKM	All fluids	30	-20°C	+150°C	Excellent	Excellent
Cartridges and Customised Products							
LF 3000®	Technical polymer/brass or chemical nickel-plated brass/NBR	Compressed air	20	-20°C	+80°C	Good	Moderate
LIQUIfit®	Bio-sourced polymer/EPDM	Liquids	16	-10°C	+95°C	Moderate	Good
LF 3600	Chemical nickel-plated brass FDA/FKM	All brass-compatible fluids	30	-20°C	+150°C	Excellent	Good
LF 3800 / LF 3900	316L - 303 stainless steel/FKM	All fluids	30	-20°C	+150°C	Excellent	Excellent
TL	Brass/NBR	Compressed air	16	-25°C	+80°C	Good	Moderate
Technical Tubing and Hose							
Semi-Rigid PA	Semi-rigid bio-sourced polyamide	Compressed air, industrial fluids	50	-40°C	+100°C	Good	Good
Rigid PA	Rigid polyamide	Compressed air, industrial fluids	58	-40°C	+80°C	Good	Good
Fireproof HIgh Resistance PA	Polyamide with flame-retardant additive	Coolants, industrial fluids (lubricants), compressed air	50	-40°C	+100°C	Excellent	Moderate
Anti-Spark PA and PU with or without PVC sheath	Semi-rigid polyamide with PVC sheath Polyurethane ether with PVC sheath Single-layer polyurethane ether with flame-retardant additive	Compressed air, coolants, industrial fluids	36 (PA) 14 (PU)	-20°C	+80°C +70°C	Excellent	Good
PU single and multi-tube	Polyurethane ester Polyurethane ether "Crystal" food-quality polyurethane ether	Compressed air, industrial fluids (water) or food industry fluids	12	-20°C	+70°C	Excellent	Moderate Good Good
Antistatic PU	Polyurethane filled with conductive particles	Compressed air	10	-20°C	+70°C	Excellent	Moderate
Advanced PE	Polyethylene, 50% reticulated	All fluids	16	-40°C	+95°C	Good	Excellent
FEP	Fluoropolymer: fluorinated ethylene-propylene	All fluids	28	-40°C	+150°C	Good	Excellent
PFA	Fluoropolymer: high purity and coloured perfluoroalkoxy FDA	All fluids	36	-196°C	+260°C	Excellent	Excellent
Antistatic PFA	Fluoropolymer: perfluoroalkoxy filled with conducting particles	All fluids	36	-196°C	+260°C	Excellent	Good
Self-Fastening NBR	NBR with polyamide braid	Compressed air, coolants	16	-20°C	+100°C	Excellent	Good
Braided PU	Polyurethane with polyester braid	Compressed air, industrial fluids	15	-40°C	+75°C	Excellent	Good
Function Fittings							
Polymer Flow Regulators	Technical polymer/nickel-plated brass	Compressed air	10	0°C	+70°C	Good	Moderate
Metal Flow Regulators	Treated brass/nickel-plated brass	Compressed air	10	0°C	+70°C	Excellent	Moderate
Stainless Steel Flow Regulators	316L stainless steel	Compressed air	40	-15°C	+120°C	Excellent	Excellent
Blocking Fittings	Nickel-plated brass	Compressed air	10	-20°C	+70°C	Excellent	Good
Piloted Non-Return Valve	Technical polymer/nickel-plated brass	Compressed air	10	-5°C	+60°C	Good	Moderate
Non-Return Fitting	Technical polymer/nickel-plated brass	Compressed air	10	0°C	+70°C	Good	Moderate
Silencers	Polymer, sintered bronze, nickel-plated brass, 316L stainless steel	Compressed air	12	-20°C	+180°C	Good	Moderate

Compression Fittings	Materials	Fluids	Maximum Pressure (bar)	Temperature		Performance in Aggressive Environments	
				Min.	Max.	Mechanical	Chemical
Brass Fittings	Brass	Compressed air, industrial fluids	550 (depending on the type of tubing used)	-40°C	+250°C	Excellent	Good
Stainless Steel Fittings	316L stainless steel	All fluids	400 (80 bar in aggressive environment)	-40°C	+250°C	Excellent	Excellent
PL Spigot Fittings	Nickel-plated brass	Compressed air, industrial fluids	40	-40°C	+100°C	Good	Good

Industrial Valves

Universal and Customised Series Ball Valves	Nickel-plated brass	Compressed air, industrial fluids	40	-20°C	+100°C	Excellent	Good
Mini Series Ball Valves	Technical polymer/nickel-plated brass	Compressed air	10	-20°C	+80°C	Good	Moderate
DVGW Series Ball Valves	Nickel-plated brass	Gas, water	40	-40°C	+170°C	Excellent	Good
LIQUIfit® **Ball Valves**	Polypropylene	Drinking water, treated water, beverages	10	-15°C	+100°C	Moderate	Good
Standard Series Ball Valves	Nickel- or chromium-plated brass	All industrial fluids	30	-20°C	+130°C	Excellent	Good
Stainless Steel Series Ball Valves	316L stainless steel	All fluids	65	-20°C	+150°C	Excellent	Excellent
Axial Valves	Nickel-plated brass	Compressed air	10	-20°C	+135°C	Excellent	Good

Industrial Blowguns

Polymer	Technical polymer	Compressed air	10	-20°C	+50°C	Good	Moderate
Metal	Aluminium or nickel-plated brass	Industrial fluids	20	-20°C	+100°C	Excellent	Good

Quick-Acting Couplers

C 9000 Safety Couplers	Technical polymer	Compressed air	16	-20°C	+60°C	Good	Moderate
Metal Quick-Acting Couplers	Nickel-plated brass	Compressed air, compatible fluids	20	-20°C	+100°C	Excellent	Good
Metal Quick-Acting Couplers	316L stainless steel	Industrial fluids	35	-15°C	+200°C	Excellent	Excellent
Injection Mould Couplers	Nickel-plated brass	Water, oil	10	-15°C	+90°C	Excellent	Good

Adaptors and Manifolds

Brass Adaptors with sealing washer	Brass	Compressed air	200	-20°C	+80°C	Good	Moderate
Brass Adaptors without sealing washer	Brass	Compressed air	200	-40°C	+150°C	Good	Moderate
Nickel-Plated Brass Adapters	Nickel-plated brass	Compressed air	60	-10°C	+80°C	Good	Moderate
Stainless Steel Adaptors	316L stainless steel	All fluids	200	-20°C	+180°C	Excellent	Excellent
Manifolds	Anodised aluminium, brass	Compressed air	20	-10°C	+80°C	Excellent	Good

This table is not exhaustive; you will find additional technical information in the various chapters of this catalogue which will enable you to select the product you need.