

PRODUCTS OFFER

LEGRIS PUSH-IN FITTINGS	Fluids	Materials (body/thread/seal)	Maximum operating pressure (bar)	Temperature		PAGE
				Min.	Max.	
LF 3000® 	 Compressed air Neutral gases	Technical polymer/ Nickel-plated brass/ NBR	20	-20°C	+80°C	12
LF 3000® multi-fittings 	 Compressed air Neutral gases	Technical polymer/ NBR	10	-20°C	+80°C	24
LF 6000 LIQUIfit® 	 Industrial water Treated water	Bio-based polymer/ nickel-plated brass or 316L stainless steel/ EPDM	15	-40°C	+95°C	26
LF 3600 	  Compressed air Neutral gases Industrial water	Nickel-plated brass/ FKM	30	-25°C	+150°C	30
LF 3800 	  Compressed air Neutral gases Industrial water	316L stainless steel/ FKM	30	-25°C	+150°C	34
LF 6100 	 Oils and lubricants	Brass/ NBR	60	-40°C	+120°C	38
LF 6800 Cleanfit 	 O ₂ , analytical gases	Bio-based polymer/ nickel-plated brass/ EPDM	15	-10°C	+95°C	40
LF cartridges 	  Compressed air Neutral gases Industrial water Treated water	Technical polymer or nickel-plated brass or stainless steel/NBR or EPDM or FKM	30	-25°C	+150°C	42

HOW TO CHOOSE YOUR LEGRIS FITTING

What type of fluid do you wish to convey?



Parker offers ranges dedicated to **compressed air and neutral gases**.



Parker presents ranges specifically designed for **water**, including:

- *Industrial water (tap water).*
- *Treated water (deionised, pure and demineralised)*

All our solutions are compatible with glycol mixtures.



Parker also has ranges compatible with **technical gases**:

- *Oxygen, breathing air, carbon dioxide, analytical gases, anaesthetic gases and inert gases.*



Parker offers ranges for **oils and lubricants**.

Do you have any compliance requirements?

- All our products comply with RoHS and REACH standards.
- Our product ranges dedicated to specific markets, such as food, medical or clean rooms, comply with the relevant regulations.
- All our processes comply with ISO 9001 and ISO 14001 standards.

For a complete list of our certificates, [please click here](#).



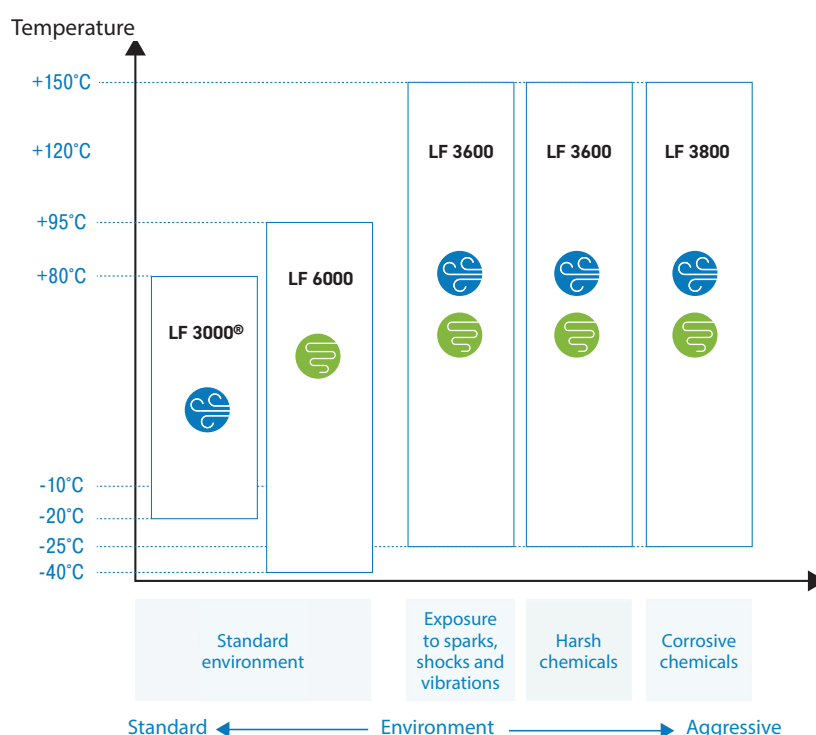
Which configurations do you require?

- All our Legris LF ranges offer a wide variety of fitting shapes, including straight, angled, T-shaped, etc.
- Banjo fittings are available in the LF 3000® and LF 3600 models.
- Swivel fittings and Multi-connectors are available in the LF 3000® range.

Under what conditions do you install your fitting?

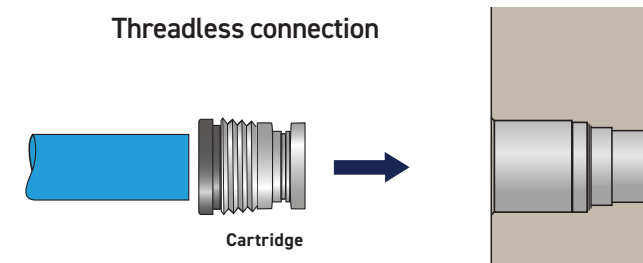
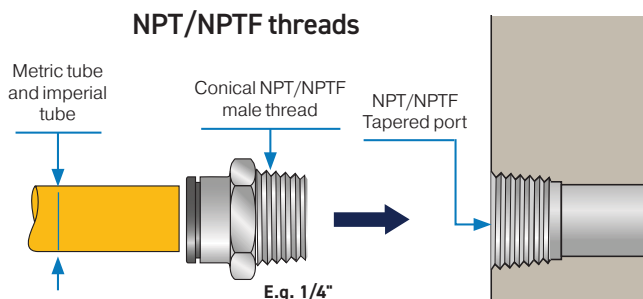
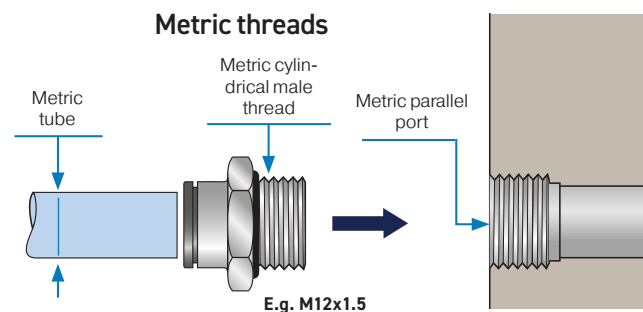
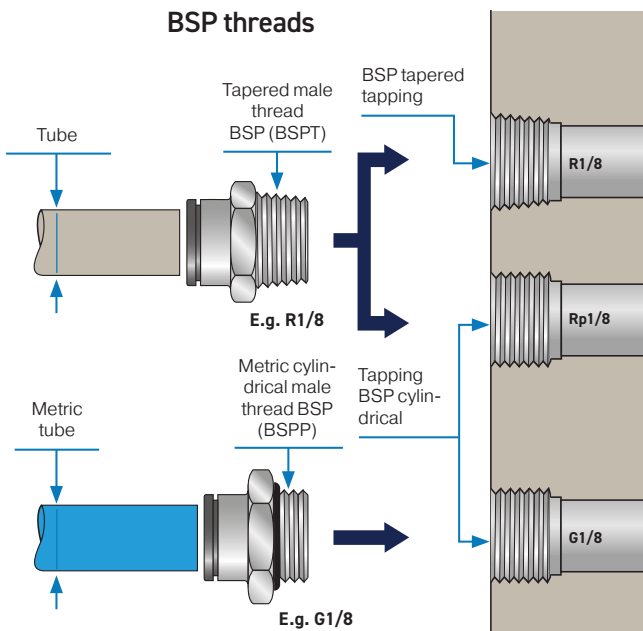
Legris push-in fittings are designed to withstand a variety of applications conditions.

Here you will find recommended products for conveying air and water according to specific usage requirements.



HOW TO CHOOSE YOUR LEGRIS FITTING

How should you install your fitting?



Are you familiar with the fastening technology featured in every Legris range of fittings?

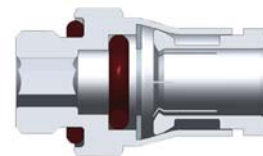
Gripping ring technology



LF 3000®
LF 6000
LF 6800

- No pumping effect
- Ideal for polymer tubes
- Particularly compact

Collet technology



LF 3600
LF 3800

- Robust solution for harsh environments
- Resistant to high pressure, very good endurance
- Ideal for grooved metal tubes

Reverse collet technology



LF 6100

- Accidental disconnection impossible
- Can withstand high pressures
- Double sealing

Which fitting connects best to your tube?

To guarantee optimal sealing performance, Legris push-in fittings and tubes have been developed together. The table opposite shows our recommendations for tube/fitting combinations.

Find the characteristics of our tubes in Chapter 6.

Fitting	Tube
LF 3000®	Polyamide (PA) Polyurethane (PU)
LF 6000	Advanced Polyethylene (APE)
LF 3600	Polyamide (PA) Fluoropolymer (FEP) Spark-resistant PA/PU Anti-static PU
LF 3800	Fluorinated Ethylene Propylene (FEP) Perfluoroalkoxy (PFA)
LF 6100	Rigid polyamide (PA) Metal tubes
LF 6800	Polyurethane (PU.G) Perfluoroalkoxy (PFA)

Part number identification

Part numbers are chosen according to a mnemonic code.

Each fitting is identified by:

- item type (4 digits);
- the nominal diameter of the tube (2 digits) corresponds to the external diameter of the tube;
- the thread code. If the product does not have a thread, the code used is 00.

3101				06		10			
Item type				Nominal diameter		Thread code			
Body				= outer diameter of the tube					
Designation	Code	Designation	Code	Metric	Code	BSP threading	Code	Metric threading	Code
Stud fitting	01/75	Stud Branch Tee	08/98	3 mm	03	1/8"	10	M3x0.5	09
				4 mm	04	1/4"	13	M5x0.8	19
Equal elbow	02	Tube-to-Tube connector	06	6 mm	06	3/8"	17	M6x1	52
				.../...		1/2"	21	M7x1	55
Stud Run Tee	03/93	Banjo	18/24	16 mm	16	3/4"	27	M8x1	56
								M8x1.25	57
Equal tee	04	Y equal	40	Inches	Code	NPT/NPTF threads	Code	M10x1	60
				1/8"	53	1/16"	08	M10x1.5	62
				1/4"	56	1/8"	11	M12x1	65
				3/8"	60	1/4"	14	M12x1.5	67
				1/2"	62	3/8"	18		
						1/2"	22		