



## Connection Solutions

for Food Machinery and Process Applications

Push-In Fittings, Tubing, Function Fittings, Couplers, Accessories



ENGINEERING YOUR SUCCESS.



High quality products, innovative solutions and an international presence.

A complete range of pneumatic products meeting the requirements of food processing and packaging applications.

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Fittings Adapted to Each Zone of the Food Process Industry

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Our Solution for Each Food Zone Area

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Robust products conveying any type of fluid, corrosion-resistant, safe, and easy to clean.



Our Solution for the Splash Zone

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Robust products, resistant to corrosion and mechanical constraints.



Our Solution for the Non Food Zone

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Products with high performance pressure and temperature capability.



**LIQUIfit®**, Solutions for fluids & Beverages

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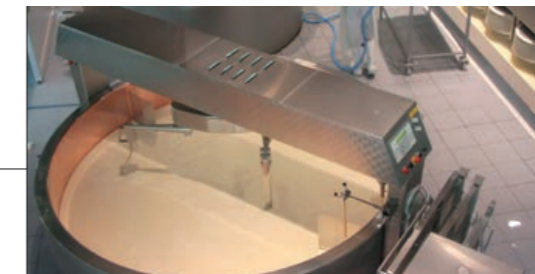
Our new range for the transportation of water, beverages and other consumable liquids.



# Fittings Adapted to Each Zone of the Food Process Industry

Parker Legris is committed to developing wide ranges of robust pneumatic components that are chemically resistant and easy to clean.

Our offer perfectly suits each food process zone, enabling the manufacture of machinery and equipment which meet current standards.



## Food Zone



### CHARACTERISTICS OF THE ZONE

Surfaces in contact with foodstuffs or where there can be a risk of projection or migration of materials into the manufacturing process.

1&2

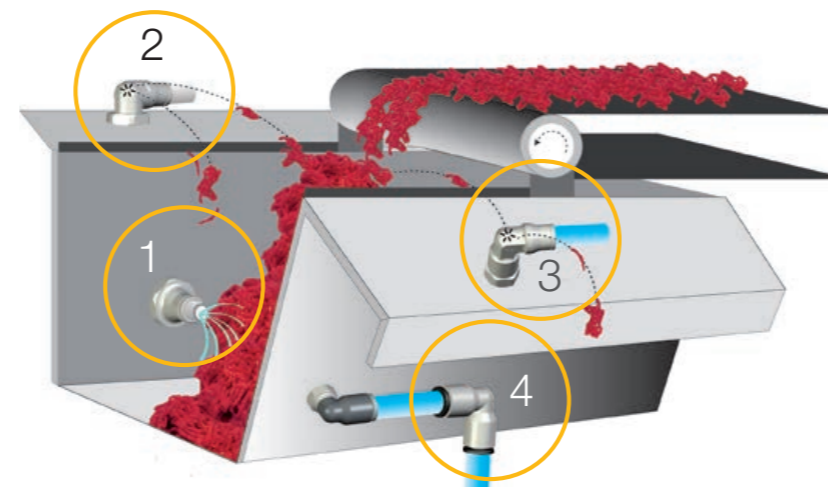
- 1 - Fluid and food
- 2 - Air, vacuum and water

### REQUIREMENTS FOR PNEUMATIC COMPONENTS

- High hygienic standards: materials and shapes suitable for use with foodstuffs.
- Aggressive cleaning agents: non-corrosive, non-toxic and non-absorbent materials.
- Mechanical strength during use or when cleaning: a robust product.

### OUR PRODUCT ANSWER

A wide and complete range of robust stainless steel products, manufactured in accordance with HACCP methodology (Hazard Analysis Critical Control Point). Fittings with a hygienic design, easy to clean for permanent contact with food, conforming to FDA and 1935/2004/EC standards.



## Splash Zone



### CHARACTERISTICS OF THE ZONE

Surfaces subject to the projection of food, but with limited potential return to the manufacturing process.

3

- 3 - Air, water and vacuum

### REQUIREMENTS FOR PNEUMATIC COMPONENTS

- High hygienic standards: materials and shapes suitable for use with foodstuffs.
- Aggressive cleaning agents: slightly corrosive, non-toxic and non-absorbent materials.
- Mechanical strength during use or when cleaning: a robust product.

### OUR PRODUCT ANSWER

A wide range of high phosphorus bonded nickel-plated brass fittings, compatible with many aggressive fluids. A quick connecting, reliable and safe gripping system, extremely resistant to high pressures, temperatures and shocks.



## Non-Food Zone



### CHARACTERISTICS OF THE ZONE

Surfaces which are not in contact with food.

4

- 4 - Air and vacuum

### REQUIREMENTS FOR PNEUMATIC COMPONENTS

- High pressures and temperatures: technical performance of components.
- Quick, reliable and safe connection / disconnection.
- Frequent cleaning: less corrosive materials.

### OUR PRODUCT ANSWER

An extensive range of polymer fittings, with high mechanical and chemical resistance, optimized dimensions and body designs to satisfy the ergonomics and aesthetics of pneumatic installations. A quick connecting, reliable and safe gripping system, extremely resistant to high pressures, temperatures and shocks.



T&Z

# Our Solution for the Food Zone



**STAINLESS STEEL INSTANT FITTINGS**

316 L / FKM SEALS

THREADED FITTINGS	TUBE TO TUBE FITTINGS
<b>3805 / 3801</b> taper and parallel	<b>3806</b> Ø4 to Ø12
<b>3821 / 3831</b> taper and parallel	<b>3816</b> IP51 Ø4 to Ø12
<b>3809 / 3899</b> taper and parallel	<b>3802</b> Ø4 to Ø12
<b>3889 / 3879</b> taper and parallel	<b>3804</b> Ø4 to Ø12
	<b>PLUG-IN FITTINGS</b>
	<b>3866</b> Ø4 to Ø10
	<b>CARTRIDGES</b>
	<b>3800</b> Ø4 to Ø12

**INSTANT FITTINGS**  
Working Pressure: 30 bar maximum  
Vacuum: 99%  
Temperature Range: -25°C to +150°C  
Available Diameters: Ø4 to Ø12 mm  
Available Threads: M5 to 1/2"

**ACCESSORIES**

EQUAL ELBOWS	ADAPTORS	COMPACT SILENCER
<b>1843</b> female parallel	<b>1864</b> male NPT, female parallel	<b>0682</b> parallel
<b>1844</b> male taper, female parallel	<b>1867</b> male taper, female NPT	<b>PLUGS</b>
<b>BULKHEAD ADAPTOR</b>	<b>REDUCERS</b>	<b>0285</b> taper
<b>1817</b> parallel	<b>1863</b> male taper, female parallel	<b>FLUOROPOLYMER TAPE</b>
<b>SLEEVES</b>	<b>INCREASERS</b>	<b>0605</b>
<b>1855</b> parallel	<b>1861</b> male taper, female parallel	<b>STAINLESS STEEL FERRULES</b>
<b>1862</b> Reducer - Increaser parallel	<b>PLUG-IN FITTINGS</b>	<b>1827</b> Ø4 to Ø14
<b>1823</b> Tailpiece adaptor taper	<b>3826</b>	

**TUBING**

CALIBRATED FEP(3)	ADVANCED POLYETHYLENE
<b>1005T</b> <b>1025T</b>	<b>1015Y..F</b> <b>1030Y..F</b> <b>1075Y..F</b> <b>1096Y..F</b> <b>1098Y..F</b>
<b>PFA</b>	<b>CRYSTAL POLYETHER POLYURETHANE(2)</b>
<b>1050T..P</b> <b>1100T..P</b>	<b>1025U..R</b> <b>1100U..R</b>

**TUBING**  
External Diameters:  
Ø4 to Ø16

**ACCESSORIES**  
Working Pressure: 150 bar maximum (silencers: 12 bar)  
Temperature Range: -20°C to +180°C  
Available Threads: 1/8" to 1"

**FUNCTION FITTINGS 316 L (1)**

FLOW CONTROL REGULATORS	QUICK EXHAUST VALVES WITH THREADED FITTINGS	NON-RETURN VALVES WITH THREADED FITTINGS
<b>7810</b> parallel	<b>7899</b> parallel	<b>4890</b> parallel
<b>7820</b> parallel		<b>4891</b> parallel
		<b>4892</b> parallel

**FUNCTION FITTINGS**

**Flow control regulators:** Working Pressure: 1 to 10 bar / 1 to 16 bar (7820)  
Temperature Range: 0°C to +70°C / -15°C to 120°C (7820)  
Available Threads: M5 to 1/2

**Exhaust valves:** Working Pressure: 2 to 10 bar  
Temperature Range: -10°C to +120°C (1/8 and 1/4) or -20°C to +80°C (3/8 and 1")  
Available threads: 1/8 to 1"

**Non-return valves:** Working Pressure: 0,5 to 40 bar  
Temperature Range: -20°C to +180°C  
Available Threads: 1/8 to 1"

**STAINLESS STEEL BALL VALVES**

**4812**  
parallel

**4832**  
parallel

**0591**  
parallel

**4810**  
parallel

**0465**  
parallel

**BALL VALVES**  
Internal Ø :  
4 to 50 mm  
Threads :  
1/4" to 2"

**STAINLESS STEEL COUPLERS 316 L**

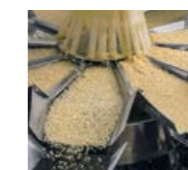
FKM FDA SEALS	FKM FDA SEALS	FKM FDA SEALS
Series 20KA	Series 21KA	Series 25KA
Single shut off	Single shut off	Single shut off
<b>20KAW</b> parallel male body	<b>21KAW</b> parallel male body	<b>25KAW</b> parallel male body
<b>20KAIW</b> parallel female body	<b>21KAIW</b> parallel female body	<b>25KAIW</b> parallel female body
<b>20SFAW</b> parallel male probe	<b>21SFAW</b> parallel male probe	<b>25SFAW</b> parallel male probe
<b>20SFIW</b> parallel female probe	<b>21SFIW</b> parallel female probe	<b>25SFIW</b> parallel female probe
<b>Ø INTERNAL</b> 2,7 mm	<b>Ø INTERNAL</b> 5 mm	<b>Ø INTERNAL</b> 7,4 mm

**COUPLERS**  
Working Pressure: 35 bar maximum  
Temperature Range: -15°C to +200°C  
Threads: M5 to 1/2  
Single or double shut-off

Find all the technical characteristics of these products on our website [www.parkerlegris.com](http://www.parkerlegris.com)  
From the «Low pressure» menu, enter the reference for each item and access full details: technical data, dimensions, certificates, CAD drawings.

1&4

# Stainless Steel Fittings LF 3800



A range of stainless steel instant fittings combining robustness and hygienic design

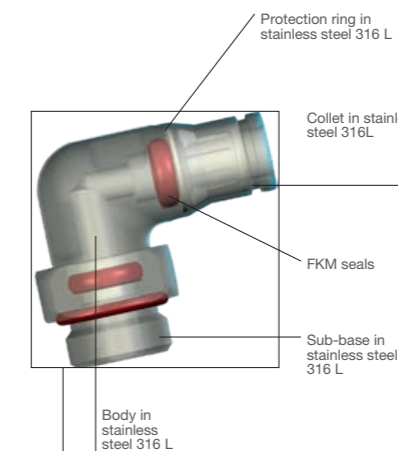
## The Largest Range on the Market

- Designed for demanding conditions of use: a range of instant fittings in full 316L stainless steel with FKM seals, for basic chemical resistance and a competitive price positioning
- 17 different product body shapes, diameters from 4mm to 12mm, threads from M5 to 1/2"
- 2 thread types: taper and parallel



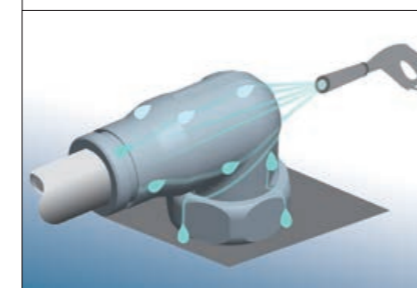
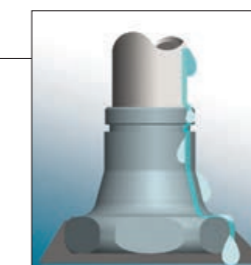
## Reliable and Robust Design

- Proven gripping technology:
  - the collet guarantees excellent gripping and improved pull-out strength for soft and stainless steel tubing
  - the collet is resistant to mechanical shocks and prevents whiplash, in particular when using metallic (pre-grooved) tubing
- Simple and reliable design
- 100 % control of manufactured components in order to guarantee quality, traceability and performance
- FKM seal resistant to the majority of aggressive chemicals
- Pressure rating: 30 bar, temperature capability: 150°C, continuous (For higher temperatures, please contact our technical department)
- Sealed bulkhead connectors (to IP55) enabling complete protection against detrimental ingress in food and non-food zones



## Hygienic Design

- Nutrient grade materials conforming to FDA and 1934/2004 EC standards, permitting permanent contact with food.
- A permissible all metal product, preventing the risk of non-detection of misplaced components.
- A very smooth surface design aimed at reducing retention zones for safe and easy cleaning :



- Compact fittings with a polished surface for improved cleaning
- Self-draining design naturally ensures the dispersion of external fluids
- Ra < 0,8 surface prevents food deposits from adhering to body
- Minimum space between release button and body of fitting
- Aerodynamic body shape, without dead zones or fixing holes, for improved and faster fluid pressure cleaning
- A range of parallel sub-bases, reducing potential retention zones

# 3

## Our Solution for the Splash Zone



NICKEL-PLATED BRASS INSTANT FITTINGS <sup>(1)</sup>			FUNCTION FITTINGS 316L <sup>(1)</sup>		NICKEL-PLATED BRASS FUNCTION FITTINGS		NICKEL-PLATED BRASS ACCESSORIES		TUBING		NICKEL-PLATED BRASS BALL VALVES		NICKEL-PLATED BRASS COUPLERS
THREADED FITTINGS	THREADED FITTINGS	TUBE TO TUBE FITTINGS	FLOW REG. WITH ADJUSTMENT SCREW	NON-RETURN VALVES	FLOW REGULATORS WITH INSTANT FITTINGS	BLOCKING FITTINGS WITH INSTANT CONNECTIONS	EQUAL ELBOWS	EQUAL Y	CALIBRATED FEP <sup>(3)</sup>	ADVANCED POLYETHYLENE	STRAIGHT FLUOROPOLYMER SERIES	STRAIGHT UNIVERSAL SERIES	FKM SEALS
<b>3675</b> taper  <b>3601</b> parallel and metric  <b>3681</b> metric  <b>3614</b> parallel and metric  <b>3609</b> taper  <b>3699</b> parallel and metric  <b>3608</b> taper	<b>3698</b> parallel and metric  <b>BANJO FITTINGS</b>  <b>3618</b> parallel and metric  <b>3606</b> Ø4 to Ø14  <b>3602</b> Ø4 to Ø14  <b>3604</b> Ø4 to Ø14	<b>3616</b> IP51 Ø4 to Ø14  <b>3639</b> Ø4 to Ø14  <b>3600</b> Ø4 to Ø14  <b>3622</b> Ø4 to Ø14  <b>3626</b> Ø4 to Ø14	<b>7810</b> parallel  <b>7820</b> parallel  <b>QUICK EXHAUST VALVES</b>  <b>7899</b> parallel	<b>4890</b> parallel  <b>4891</b> parallel  <b>4892</b> parallel	<b>7100</b> parallel  <b>7130</b> parallel and metric  <b>7680</b> parallel  <b>7170</b>	<b>7880</b> parallel  <b>EXHAUST VALVES WITH THREADED FITTINGS</b>  <b>7970</b> parallel  <b>7971</b> male taper female parallel	<b>0912</b> female parallel and metric  <b>0913</b> male taper / female parallel  <b>0921</b> female metric  <b>EQUAL TEE</b>  <b>0915</b> parallel and metric  <b>0916</b> male taper / female parallel  <b>0923</b> metric	<b>0911</b> male taper / female parallel  <b>EQUAL CROSSES</b>  <b>0908</b> parallel  <b>ADAPTOR</b>  <b>0192</b> double male taper / parallel  <b>PLUGS<sup>(4)</sup></b>  <b>0919</b> parallel and metric	<b>1005T</b> <b>1025T</b>  <b>CRYSTAL POLYETHER POLYURETHANE<sup>(2)</sup></b>  <b>1025U..R</b> <b>1100U..R</b>	<b>1015Y..F</b> <b>1030Y..F</b> <b>1075Y..F</b> <b>1096Y..F</b> <b>1098Y..F</b>  <b>BRAIDED PVC</b>	<b>4902</b> parallel	<b>0402</b> parallel  <b>0401</b> parallel  <b>0482</b> parallel  <b>0452</b> parallel  <b>0439</b> parallel	<b>Series 20 / 21 / 25KA</b> single shut-off  <b>21KAAW</b> male parallel body  <b>21KAIW</b> female parallel body  <b>21SFAW</b> male parallel probe  <b>21SFIW</b> female parallel probe  <b>Ø INTERNAL</b> Series 20 2,7 mm Series 21 5 mm Series 25 7,4 mm
<b>INSTANT FITTINGS</b> Working Pressure: 20 bar maximum Vacuum: 99% Temperature Range: -25°C to +150°C Available Diameters: Ø4 to Ø14 mm Available Threads: M5 to 1/2			<b>FUNCTION FITTINGS</b> <b>Flow control regulators :</b> Working Pressure: 1 to 10 bar Temperature Range: 0°C to +70°C Available Diameters: Ø4 to Ø12 Available Threads: M5, 1/8" to 1/2" <b>Blocking fittings :</b> Working Pressure: 1 to 10 bar Temperature Range: -20°C to +70°C Available Diameters: Ø4 to Ø12 Available Threads: 1/8" to 1/2" <b>Exhaust valves:</b> Working Pressure: 0,7 to 10 bar (7870) 2 to 10 bar (7871) Temperature Range: -20°C to +70°C Available Threads: M5, 1/8 to 1" <b>Exhaust valves 316L:</b> Working Pressure: 2 to 10 bar Temperature Range: -10°C to +120°C (1/8" to 1/4") or -20°C to +180°C (3/8" et 1") Available Threads: M5, 1/8" à 1" <b>Non-Return Valves:</b> Working Pressure: 0,5 to 40 bar Temperature Range: -20°C to +180°C Available Threads: 1/8" to 1"		<b>FUNCTION FITTINGS</b> Working Pressure: 1 to 10 bar Temperature Range: 0°C to +70°C Available Diameters: Ø4 to Ø12 Available Threads: M5, 1/8" to 1/2" Working Pressure: 1 to 10 bar Temperature Range: -20°C to +70°C Available Diameters: Ø4 to Ø12 Available Threads: 1/8" to 1/2" Working Pressure: 0,7 to 10 bar (7870) 2 to 10 bar (7871) Temperature Range: -20°C to +70°C Available Threads: M5, 1/8 to 1" Working Pressure: 2 to 10 bar Temperature Range: -10°C to +120°C (1/8" to 1/4") or -20°C to +180°C (3/8" et 1") Available Threads: M5, 1/8" à 1" Working Pressure: 0,5 to 40 bar Temperature Range: -20°C to +180°C Available Threads: 1/8" to 1"		<b>ACCESSORIES</b> Working pressure: 60 bar maximum Temperature range: -10°C to +150°C Available threads: M5 to 3/4		<b>TUBING</b> External diameters: Ø4 to Ø16		<b>BALL VALVES</b> <b>Fluoropolymer series:</b> Working pressure: 25 to 30 bar Temperature range: -20°C to +130°C Internal diameter: 10 to 100 mm Available threads: 1/4 to 4" <b>Straight universal series:</b> Working pressure: 20 to 40 bar Temperature range: -20°C to +80°C Internal diameter 4 to 40 mm Available threads: 1/8 to 2"		<b>COUPLERS</b> Working pressure: 35 bar Temperature range: -20°C to +100°C Available threads: M5 to 1/2"

<sup>(1)</sup> Not suitable for permanent contact with food.  
<sup>(2)</sup> Authorised for contact with dry or temporarily moist food (10 minutes maximum).  
<sup>(3)</sup> Authorized for contact with food, but sensitive to very aggressive chemical cleaning agents.  
<sup>(4)</sup> Maximum 80°C.

Find all the technical characteristics of these products on our website [www.parkerconnectic.com](http://www.parkerconnectic.com)  
 From the «Low pressure» menu, enter the reference for each item and access full details: technical data, dimensions, certificates, CAD drawings.



4

# Our Solution for the Non Food Zone



POLYMER INSTANT FITTINGS						
THREADED FITTINGS	MALE STUD ELBOWS	TEES	TUBE TO TUBE FITTINGS	BANJO FITTINGS	CARTRIDGES	PLUG-IN ACCESSORIES
<b>3175</b> taper	<b>3109</b> taper	<b>3108</b> taper	<b>3106</b> Ø3 to Ø14	<b>3118</b> parallel and metric	<b>3100</b> Ø4 to Ø12	<b>3182</b> Ø4 to Ø12
<b>3101</b> parallel and metric	<b>3129</b> taper	<b>3103</b> taper	<b>3102</b> Ø4 to Ø14			<b>3188</b> Ø4 to Ø12
<b>3181</b> metric	<b>3113</b> taper	<b>3198</b> parallel and metric	<b>3104</b> Ø3 to Ø14			<b>3126</b> Ø3 to Ø14
<b>3114</b> parallel and metric	<b>3199</b> parallel and metric	<b>3193</b> parallel and metric	<b>3140</b> Ø4 to Ø12			<b>3151</b> Ø4 to Ø12
			<b>3144</b> Ø4 to Ø6			
			<b>BULKHEAD TUBE TO TUBE FITTINGS</b>			
			<b>3116</b> Ø4 to Ø14			

**INSTANT FITTINGS**  
 Working Pressure: 20 bar maximum  
 Vacuum: 99%  
 Temperature Range: -20°C to +80°C  
 Available Diameters: Ø3 to Ø14mm  
 Available Threads: M3, M5, 1/8 to 1/2

POLYMER FUNCTION FITTINGS			TUBING	NICKEL-PLATED BRASS BALL VALVES	COUPLERS
FLOW REGULATORS WITH INSTANT FITTINGS	BLOCKING FITTINGS WITH INSTANT CONNECTIONS	NON-RETURN VALVES	SEMI-RIGID POLYAMIDE		NICKEL-PLATED BRASS COUPLERS
<b>7010</b> parallel	<b>7883</b> parallel	<b>7996</b> double union Ø4 to Ø12	<b>1025P 1100P</b>	<b>0492</b> parallel	<b>SERIES 23 / 24 / 30</b>
<b>7060</b> parallel	<b>PILOTED NON-RETURN VALVES</b>	<b>7984</b> parallel and metric	<b>FLEXIBLE POLYESTER POLYURETHANE</b>	<b>0491</b> parallel	<b>9401U</b> male parallel body
<b>7040</b> parallel	<b>7894</b> parallel	<b>7985</b> taper	<b>1025U 1100U</b>	<b>VANNES A PURGE</b>	<b>9414U</b> female parallel body
<b>7770</b> in-line			<b>POLYETHER POLYURETHANE BLACK, BLUE</b>	<b>0669</b> parallel	<b>9087U</b> male parallel probe
<b>7030</b> plug-in			<b>1025U..R 1100U..R</b>		<b>9086U</b> female parallel probe
			<b>ADVANCED POLYETHYLENE</b>		
			<b>1015Y..F 1030Y..F 1075Y..F 1096Y..F 1098Y..F</b>		

**FUNCTION FITTINGS**  
 Working Pressure: 1 to 10 bar  
 Temperature Range: 0°C to +70°C  
 Available Diameters: Ø4 to Ø12  
 Available Threads: M3 to 1/2

**TUBING**  
 External Diameters: Ø3 to Ø16

**BALL VALVES**  
 Working Pressure: 12 bar maximum  
 Temperature Range: -20°C to +80°C  
 Internal Diameter: 4 to 13 mm  
 Available Threads: 1/4 to 3/4

**COUPLERS**  
 Working Pressure: 35 bar / 16 bar (safety couplers)  
 Temperature Range: -20°C to +100°C / -20°C to +60°C (safety couplers)  
 Available Threads: 1/4 to 1/2

Find all the technical characteristics of these products on our website [www.parkerlegris.com](http://www.parkerlegris.com)  
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# LIQUIfit<sup>®</sup>, Connection Solutions for Beverage & Fluids

## LIQUIfit<sup>®</sup> Push-In Fittings

This "eco-designed" range proposes an **innovative alternative** for water applications; **no fluid contamination** occurs and **environmental protection is guaranteed**. These fittings ensure **reliable and compact** connections for **liquid transfer** applications.



### Product Advantages

<b>Innovative Technology &amp; Concept</b>	Ergonomic and aesthetic design The most compact product on the market for water, beverages and liquid foodstuffs Easy-to-clean external surfaces Push-in connection and disconnection Full flow Use with a pre-prepared metallic tubing Gripping system preventing any pumping effect Eco-designed (materials, manufacturing process, weight, dimensions and performance)
<b>Optimal Performance</b>	Patented sealing technology 100% leak-tested in production Date coding to guarantee quality and traceability Wide range of shapes and numerous configurations
<b>High Performance Material</b>	Bio-sourced polymer meeting the most severe food process regulations Suitable for contact with water and beverages Excellent chemical and mechanical resistance, even at high temperature Free of bisphenol A and phthalates, conforming with regulations



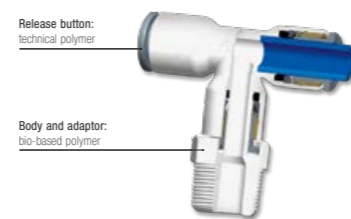
- Applications**
- Hot & Cold Drinks Dispensers
  - Neutral Gases
  - Cooling Systems
  - Food Process
  - Water Purification Systems
  - Water Dispensers
  - Medical

### Technical Characteristics

<b>Compatible Fluids</b>	Water, beverages, CO <sub>2</sub> (inert use) Chemical fluids: please consult us		
<b>Working Pressure</b>	Vacuum to 16 bar		
<b>Working Temperature</b>	-10°C to +95°C		
<b>Tightening Torques (BSPT/NPTF)</b>	Thread	1/8" and 1/4"	3/8" and 1/2"
	daN.m	0.15	0.30

Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.  
Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

#### Component Materials



Silicone-free

#### Regulations

DI: 2002/95/EC (RoHS), 2011/65/EC	DM 174
EC	WRAS
RG: 1935/2004/EC	ACS
FDA: 21 CFR	RG: 1907/2006 (REACH)
NSF 51 at 95°C	KTW
NSF/ANSI 61 - C HOT	W270

## LIQUIfit<sup>®</sup> Push-In Fittings with Metal Adaptors

The LIQUIfit<sup>®</sup> range now benefits from a range extension of **metal adaptors** designed for **liquid transfer applications**. These fittings ensure **reliable** and **compact** connections combined with **excellent robustness**.

### Product Advantages

<b>Innovative Technology &amp; Concept</b>	Ergonomic and aesthetic design Compact product for water applications Easy-to-clean external surfaces Full flow Use with a pre-prepared metallic tubing Gripping system preventing any pumping effect
<b>Optimal Performance</b>	Patented sealing technology 100% leak-tested in production Date coding to guarantee quality and traceability Wide range of shapes and numerous configurations Excellent robustness for a long lifespan
<b>High Performance Material</b>	Bio-sourced polymer body meeting the most severe food process regulations Compatibility with beverages (stainless steel version) Unsurpassed chemical and mechanical resistance, even at high temperatures Free of bisphenol A and phthalates, conforming with regulations



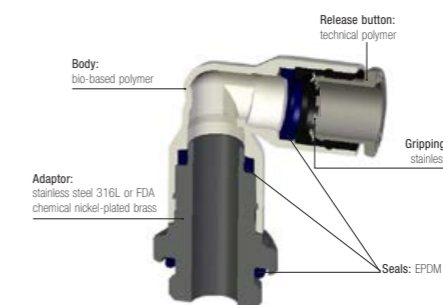
- Applications**
- Industrial Fluids
  - Beverage Process
  - Inert Gases
  - Cooling Systems
  - Food Process

### Technical Characteristics

<b>Compatible Fluids</b>	Water, beverages, industrial fluids: stainless steel threads Industrial fluids: FDA chemical nickel-plated brass threads					
	Vacuum to 16 bar					
<b>Working Pressure</b>	Vacuum to 16 bar					
<b>Working Temperature</b>	-10°C to +95°C					
<b>Tightening Torques (BSPP)</b>	Thread	M5 X0.8	G1/8	G1/4	G3/8	G1/2
	daN.m	0.16	0.8	1.2	3	3.5

Reliable performance is dependent upon the type of fluid conveyed, component materials and tubing being used.  
Use is guaranteed with a vacuum of 755 mm Hg (99% vacuum).

#### Component Materials



Silicone-free

#### Regulations

DI: 2002/95/EC (RoHS), 2011/65/EC
RG: 1935/2004/EC
FDA: 21 CFR
KTW (stainless steel only)
W270 (stainless steel only)

## Parker Worldwide

### Europe, Middle East, Africa

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parker.me@parker.com

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