



PARKER LEGRIS LIQUIfit®

A Single Product Range for all Liquid Applications



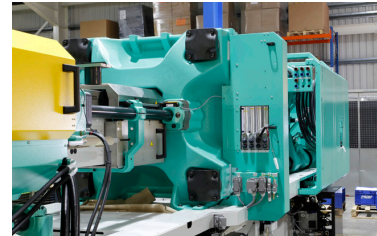
LIQUIFIT® FOR COOLING APPLICATIONS



FREQUENCY CONVERTERS



DATA CENTERS



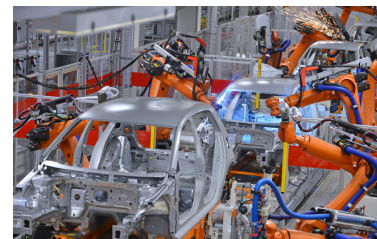
PLASTIC MOLDING



POWER CONVERSION



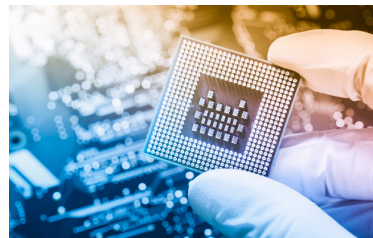
ENERGY STORAGE



ROBOTIC WELDING



LASER PROCESSING



SEMICONDUCTORS

MARKET CHALLENGES

- Reach the best thermal efficiency
- Optimize the design of the liquid cooling circuits
- Ensure the durability of the machine
- Improve productivity
- Simplify the maintenance of the machine

FLUID CONVEYANCE

Water, Glycol and many other coolants.

For such applications, we recommend you contact us to evaluate the fluid compatibility.



PRODUCT FEATURES

FAST & EASY

- Quick connection, no tool needed
- Automatic sealing and gripping

COMPACT & FLEXIBLE

- Numerous configurations offering high flexible installations solutions
- Space saving with cartridge systems

SMART & EFFICIENT

- Unrestricted design for maximal flow
- Flat sealing coupling system

SAFE & RESISTANT

- Push-in fittings 100% leak tested and individually dated in production
- Proven automated process which is camera controlled
- Robust test protocols are applied: ageing, endurance and mechanical tests such as vibrations, shock or burst pressure
- Large material compatibility



PRODUCT RANGES

LIQUIfit® Push-In Fittings



- Dimensions: 4 mm to 16 mm
- Working Pressure: up to 16 bar
- Working Temperature: -10°C to +95°C



LIQUIfit® Push-In Fittings with Metal Adaptor



- Dimensions: 4 mm to 16 mm
- Working Pressure: up to 16 bar
- Working Temperature: -10°C to +95°C
- 2 adaptor materials: stainless steel or nickel-plated brass



LIQUIfit® Push-In Fittings Full Metal



- Dimensions: 4 mm to 16 mm
- Working Pressure: up to 16 bar
- Working Temperature: -10°C to +130°C



Advanced PE Tubing



- Dimensions: 4 mm to 16 mm
- Working Pressure: up to 16 bar
- Working Temperature: -20°C to +95°C



Carstick+ Push-In Cartridges



- Dimensions: 4 mm and 6 mm
- Working Pressure: up to 16 bar
- Working Temperature: -40°C to +140°C



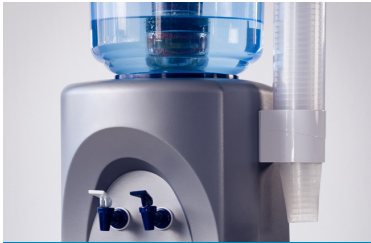
Carstick Push-In Cartridges



- Dimensions: 4 mm to 12 mm
- Working Pressure: up to 16 bar
- Working Temperature: -40°C to +95°C



LIQUIFIT® FOR DRINKING DISPENSERS & WATER TREATMENT



WATER DISPENSERS



HOT & COLD DRINK DISPENSERS



FILTERS



INDUSTRIAL SOFTENERS



REVERSE OSMOSE



DESALINISATION



DENTAL CHAIRS



MARKET CHALLENGES

- Users' health protection
- Efficiency of connection systems

FLUID CONVEYANCE

Water, industrial water, beverages and steam.

For other fluids, please consult us.

REGULATIONS



PRODUCT FEATURES

SPECIALLY DESIGNED FOR LIQUIDS

- EPDM seal for water and beverage conveyance
- FKM for more demanding media (i.e: steam)

SAFE FOR USERS' PROTECTION

- Bisphenol & phthalate free
- No raw material migration for the perfect fluid integrity with our bio-sourced engineered polymer

RELIABLE FOR PEACE OF MIND

- Compliant with the most demanding food & beverage regulations
- High sealing performance with the lowest pumping effect on the market (0,2mm only)
- Compact product: 20 to 40% more compact than competitors
- Proven automated process which is camera controlled
- 100% leak tested and individually dated in production

ROBUST FOR DEMANDING APPLICATIONS

- High resistance to aggressive environment with the 316L stainless steel adaptor, recommended for and beverage industry
- Nickel-plated version offers for industrial fluid applications

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Carstick Push-In Cartridges



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- Working Temperature: -20°C to +95°C



LIQUIfit Polymer Ball Valves



- Dimensions: 6 mm to 12 mm
- Working Pressure: up to 10 bar
- Working Temperature: 0°C to +65°C



LIQUIfit Non-Return Valves



- Dimensions: 6 mm and 12 mm
- Working Pressure: up to 10 bar
- Working Temperature: 0°C to +65°C



LIQUIfit® OFFER OVERVIEW

Polymer Stud Fittings

Straight					Elbows		Tees		Plugs
6505 BSPT/NPTF	6315 BSPT/NPTF	6352 BSPP	6325 UNS	6521 BSPT/NPTF	6579 BSPT/NPTF	6509 BSPT/NPTF	6508 BSPT/NPTF	6503 BSPT	6355 BSPT

Tube-to-Tube Fittings					Bulkhead Connector
Straight	Elbow	Tee	Y	Cross	Straight
6306	6302	6304	6340	6307	6316

Plug-In Fittings

Elbows		Tees	
6382	6380	6383	6388

Accessories

Plug-in				
6366	6368	6326	6322	6351

Stud Fittings with Stainless steel adaptors

Elbows		
6959 BSPP & Metric	6989 BSPP	6979 BSPT

Stud Fittings with Nickel-Plated Brass Adaptors

Elbows	
6999 BSPP & Metric	6909 BSPT

Stud Fittings in Stainless Steel

Straight		
6911 BSPP & Metric	6975 BSPT	6974 BSPP

Stud Fittings in Nickel-Plated Brass

Straight		
6901 BSPP & Metric	6905 BSPT	6976

Cartridges

Carstick®	Carstick+
6300	6300

Flexible Calibrated Tubing

Advanced PE

	1015Y..F 1030Y..F 1075Y..F 1096Y..F 1098Y..F
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LIQUIfit® Related Products

3130	3110	0605	3000 71 00

LIQUIfit® Non-Return Valves

Non-Return Valves

7992

LIQUIfit® Ball Valves

In-Line			Right-Angled	
4020 2/2	4021 2/2	4023 2/2	4022 2/2	4024 2/2



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