PARKER LEGRIS
LIQUIfit®

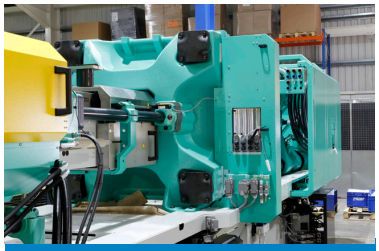
A Single Product Range for all Liquid Applications

Parker

LIQUIFIT® FOR COOLING APPLICATIONS

FREQUENCY CONVERTERS

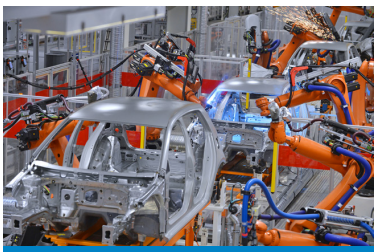
DATA CENTERS



PLASTIC MOLDING

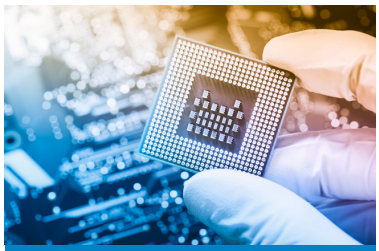
POWER CONVERSION

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 TREATEMENT

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 beverages 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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- Working Pressure: up to 16 bar
- 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

6505 BSPT/ NPTF

6315 BSPT/ NPTF

6352 BSPP

6325 UNS

6521 BSPT/ NPTF

Elbows

6579 BSPT/NPTF

6509 BSPT/NPTF

Tees

6508 BSPT/ NPTF

6503 BSPT

Plugs

6355 BSPT

Tube-to-Tube Fittings

Straight

6306

Elbow

6302

Tee

6304

Y

6340

Cross

6307

Bulkhead Connector

Straight

6316

Plug-In Fittings

Elbows

6382

6380

Tees

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®

6300

Carstick+

6300

Flexible Calibrated Tubing

Advanced PE

1015Y..F
1030Y..F
1075Y..F
1096Y..F
1098Y..F

LIQUIfit® Related Products

3130

3110

0605

3000 71 00

LIQUIfit® Non-Return Valves

Non-Return Valves

7992

LIQUIfit® Ball Valves

In-Line

4020 2/2

4021 2/2

4023 2/2

Right-Angled

4022 2/2

4024 2/2

Parker Hannifin Corporation
Low Pressure Connectors Europe
Parc Alcyone - Bâtiment D
1, rue André et Yvonne Meynier
35069 Rennes Cedex - France
Phone: +33 (0)2 99 25 55 00
www.parker.com

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Your Local Authorized Parker Distributor

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