



# PARKER LEGRIS

## LIQUIfit®

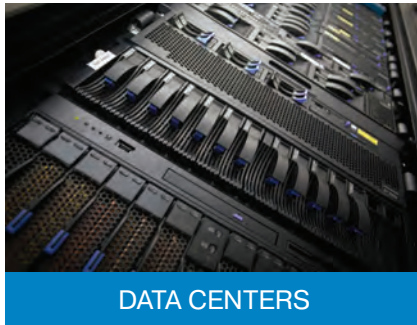
A Single Product Range for all Liquid Applications



# LIQUIFIT® FOR COOLING APPLICATIONS



FREQUENCY CONVERTERS



DATA CENTERS



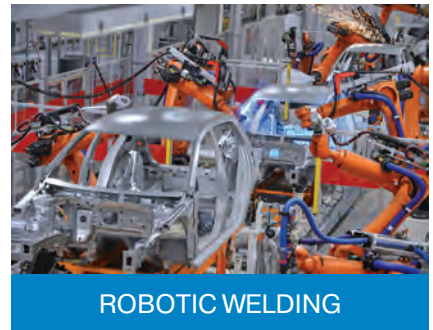
PLASTIC MOLDING



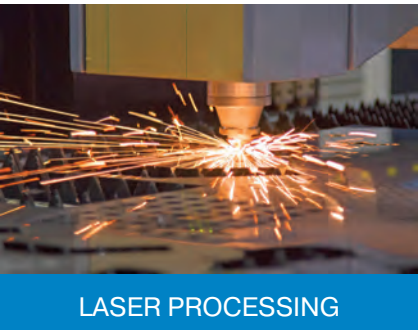
POWER CONVERSION



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 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



KTW



## 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





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