



aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



LIQUIfit™

Range of Fittings, Tubings and
Accessories for Water and Beverages



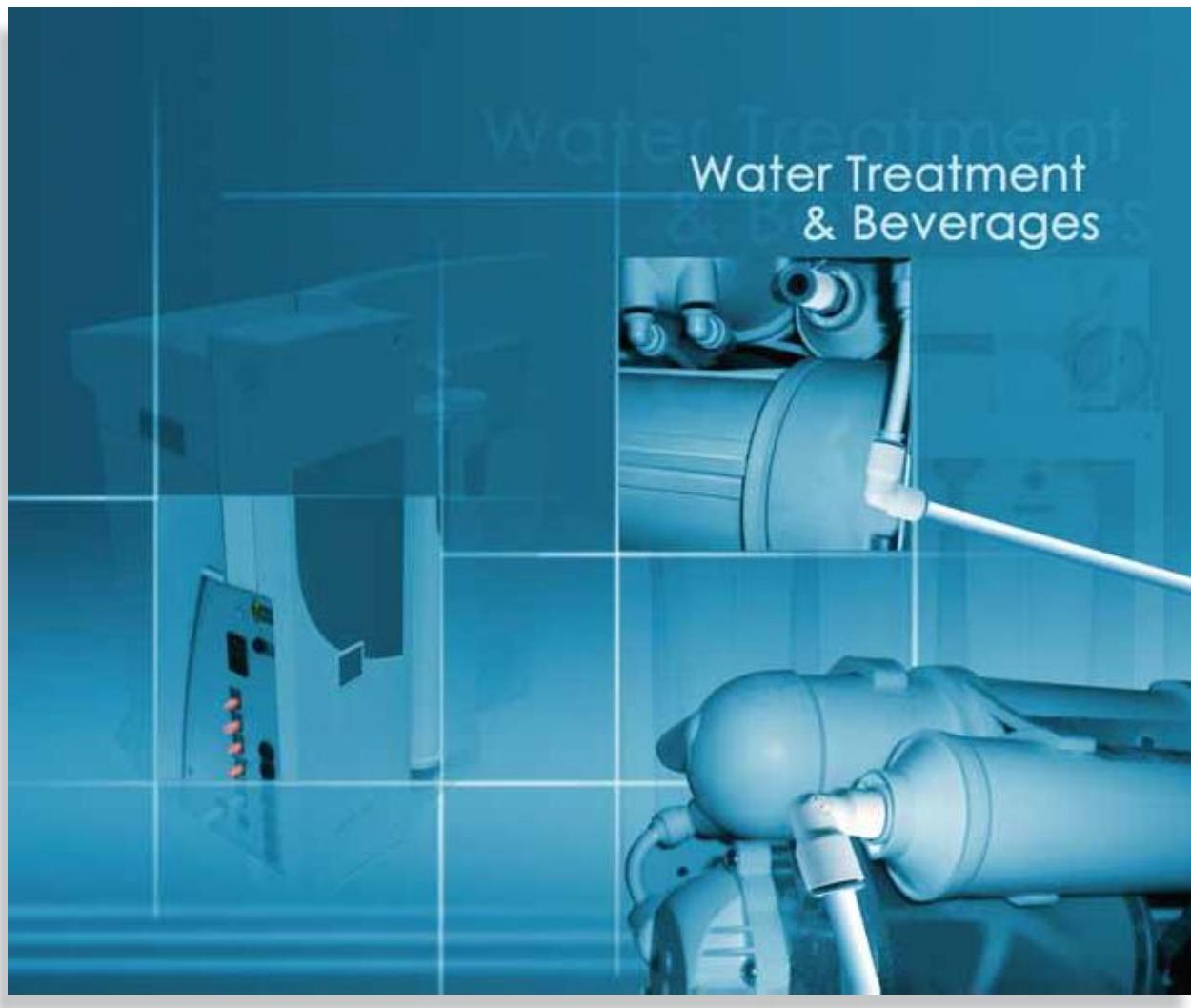
Parker

legris
connectic

ENGINEERING YOUR SUCCESS.



LIQUIfit™

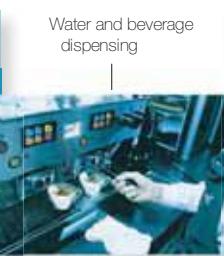


● Parker-Legris Industrial Applications



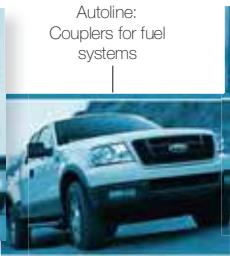
Compressed air pipe
systems, vacuum pipe
systems for automation

Water and beverage
dispensing



Pneumatic range:
Air and liquid pipe systems
in food process applications

Autoline:
Couplers for fuel
systems



Transair:
Air and water networks
for manufacturing

Transportation





LIQUIfit™

Regulations



FDA

All materials in contact with food and drinking water are in compliance with the American Food and Drug Administration



NSF 61

In compliance with NSF/ANSI-61, the fittings and tubing shown in this catalogue are tested, certified and approved for contact with drinking water - C HOT



NSF 51

In compliance with NSF/ANSI-51, the fittings and tubing shown in this catalogue are tested, certified and approved for contact with food up to 95°C



NSF 42 - NSF 58

In compliance with NSF/ANSI- 42/58, the tubing shown in this catalogue is tested, certified and approved for contact with drinking water up to 95°C



ACS

In compliance with the directive 2002/72/EC, the fittings and tubing shown in this catalogue are tested, certified and approved by ACS for contact with drinking water



USDA

The grease used in the fittings of this catalogue conforms to USDA NSF H1 recommendations



RoHS

All the products shown in this catalogue are RoHS certified



The tubing shown in this catalogue is tested, certified and approved for contact with drinking water

KTW and
W270



For inch tubing



Table of Contents

| | |
|-----------------------------------|---------|
| Advantages of the LIQUIfit™ Range | 4 - 7 |
| Technical Features | 8 |
| Fields of Application | 9 |
| Metric Fittings Range | 10 - 15 |
| Fractional Inch Fittings Range | 16 - 22 |
| Accessories | 23 |
| Carstick® Cartridges | 24 - 25 |
| Non-Return Valves and Ball Valves | 26 - 27 |
| Tubing | 28 - 29 |
| Complementary Products | 30 |
| LIQUIfit™ Website | 31 |



LIQUIfit™

Introducing LIQUIfit™

From the Trusted Inventor of the Instant Fitting

With over 40 years of experience, Legris now presents a range of leak-free, instant fittings in a bio-based compact body.

LIQUIfit™ offers:

- Optimum performance suitable for contact with water, beverages and food
- The most compact profile on the market
- 100% bio-based body and thread
- EPDM patented sealing technology
- Full flow
- No pumping effect
- No need for locking clip or tube insert
- Minimized internal retention
- Immediate sealing on threads



Specifications

| | |
|------------------|---|
| Suitable fluids: | water, beverages, food, CO ₂ ... |
|------------------|---|

For use with chemicals or other potentially aggressive liquids, contact the local Parker-Legris technical department (www.liquifit.net).

| | | |
|----------------------------------|---------------------------------|---|
| Working pressure and temperature | 4,6,8 mm - 5/32", 1/4", 5/16" : | 16 bar from -10° to 40°C 10 bar at 65°C 4 bar at 95°C |
|----------------------------------|---------------------------------|---|

| | |
|----------------|--|
| 10 mm - 3/8" : | 13 bar from -10° to 40°C 7 bar at 65°C 4 bar at 95°C |
|----------------|--|

| | |
|----------------|--|
| 12 mm - 1/2" : | 11 bar from -10° to 40°C 7 bar at 65°C 4 bar at 95°C |
|----------------|--|

Maximum circuit pressure also depends on the type of tube used.

| | | |
|--|--------------------------------|--|
| Maximum torque values for plastic threads BSPT / NPTF | 1/8 and 1/4 : 3/8 and 1/2 : | 1.5 Nm / 1.0 lbf-ft 3.0 Nm / 2.2 lbf-ft |
|--|--------------------------------|--|





LIQUIfit™

Advantages of the LIQUIfit™ Range

- **Comprehensive range of products**

- Parker Legris "Advanced PE" tubing
 - 9 colours (clear, red, blue, black, green, yellow, purple, orange, natural)
 - Inch sizes 5/32", 1/4", 5/16", 3/8", 1/2"
 - Metric sizes 4, 6, 8, 10, 12 mm
- 2 colours for fittings



White



Grey Available upon request



- Wide range of shapes



- For tubes 4, 6, 8, 10, 12 mm
- 1/4", 5/32", 5/16", 3/8" and 1/2"



- BSPT / NPT threads 1/8" to 1/2"



- Innovative cartridge system



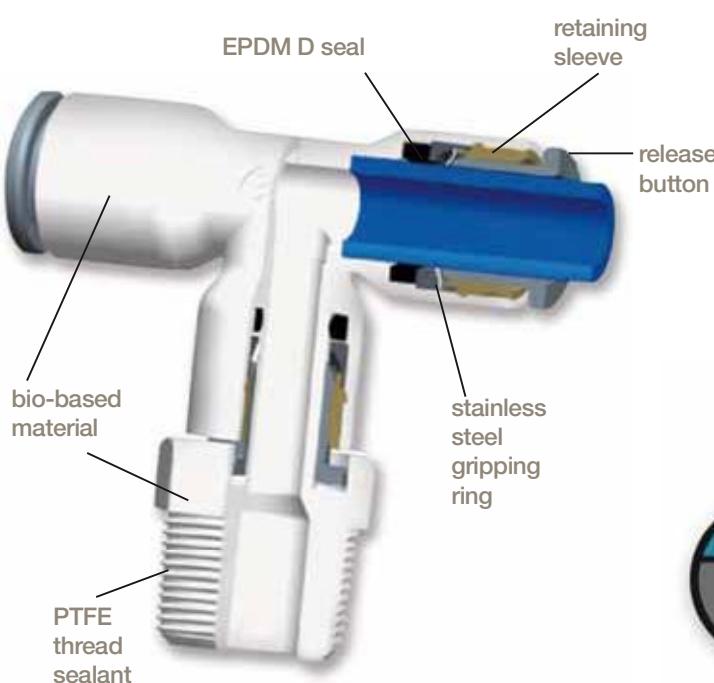
- Ball valves - non-return valves (NRV)





LIQUIfit™

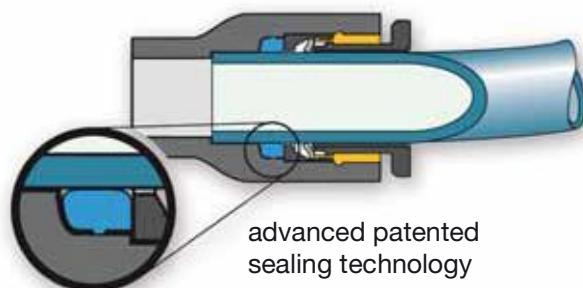
Advantages of the LIQUIfit™ Range



• Optimal sealing



- Quality control and date coding
- Automatic sealing: the D seal within the fitting provides a positive seal on the O.D. of the tube, in both static and dynamic positions, due to an optimized design of the fitting cavity.



• High performance materials

- Suitable for: water, beverages, CO₂...
- High chemical resistance (chlorine, cleaning agents, UV)...
- Approved quality for contact with food (FDA, NSF 61, 51, ACS)
- Mechanical resistance over time



PTFE immediate seal of threads

• Renewable bio-based material

- The LIQUIfit™ body is manufactured from a unique bio-based high performance polymer produced from renewable plants, to expand the use of non-fossil-based resources.
- CO₂ emissions are divided by 5 compared to classic polymer fittings.

- All LIQUIfit™ threaded fittings have pre-applied PTFE thread sealant to save time during assembly, but may be ordered without thread pre-coating.

Part numbers : 63XX = with pre-coating
65XX = without pre-coating

The Parker-Legris production process includes individual testing and unit quality control and dating for all LIQUIfit™ instant fittings, in order to guarantee their quality and traceability.

LIQUIfit™ white and grey fittings comply with the following standards:



NSF 51
at 95°C

- C HOT -



LIQUIfit™

Advantages of the LIQUIfit™ Range

- **Advanced design (patented)**

- The most compact profile on the market
- Ergonomic and aesthetic design
- Ergonomic release button
- Easy-to-clean external shapes



- **Innovative technology (patented)**

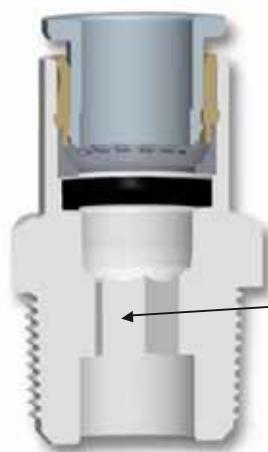
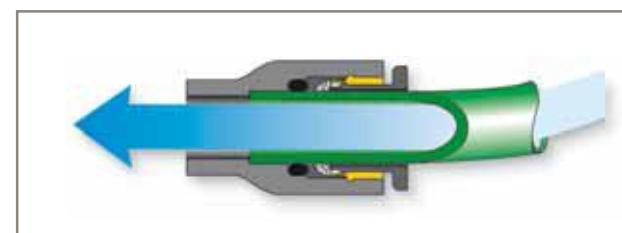
- Instant connection/disconnection
- The much reduced movement of the LIQUIfit™ gripping system prevents any pumping effect
- No tube insert or locking clip required at any working temperature (with Parker-Legrис Advanced PE Tubing)
- Advanced gripping design allows a tight bend radius without leaks
- Can be used with prepared metallic tubing (please consult Parker-Legrис' technical department for the groove dimensions)



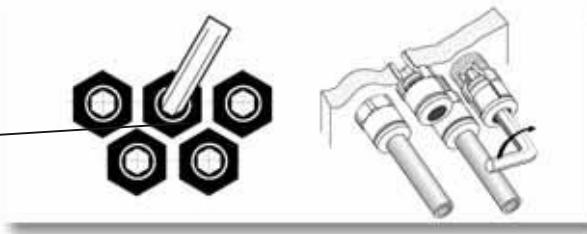
Simply push the tubing until it can go no further. Gripping and sealing are accomplished instantaneously.

First depress the manual release button, then pull the tubing out of the fitting.

Convenient compact full flow profile: as gripping and sealing within the fitting is achieved using the outside of the tube, there is no flow restriction. The smallest orifice inside the fitting is equal to or larger than the internal diameter of the tube.



Internal hex to allow easy mounting in a restricted amount of space





LIQUIfit™

Technical Features

- Pressure and temperature of the different diameters of the LIQUIfit™ range

-10° C

| | | Pressure (bar) | | | |
|----------|--------|----------------|------|-----|-------------|
| Metric Ø | Inch Ø | Fittings | Tube | NRV | Ball Valves |
| 4 | 5/32 | 16 | 16 | - | - |
| 6 | 1/4 | 16 | 16 | - | - |
| 8 | 5/16 | 16 | 16 | - | - |
| 10 | 3/8 | 13 | 15 | - | - |
| 12 | 1/2 | 11 | 11 | - | - |

40° C

| | | Pressure (bar) | | | |
|----------|--------|----------------|------|-----|-------------|
| Metric Ø | Inch Ø | Fittings | Tube | NRV | Ball Valves |
| 4 | 5/32 | 16 | 16 | - | - |
| 6 | 1/4 | 16 | 16 | 10 | 10 |
| 8 | 5/16 | 16 | 16 | - | - |
| 10 | 3/8 | 13 | 15 | 10 | 10 |
| 12 | 1/2 | 11 | 11 | - | 10 |

1° C

| | | Pressure (bar) | | | |
|----------|--------|----------------|------|-----|-------------|
| Metric Ø | Inch Ø | Fittings | Tube | NRV | Ball Valves |
| 4 | 5/32 | 16 | 16 | - | - |
| 6 | 1/4 | 16 | 16 | 10 | 10 |
| 8 | 5/16 | 16 | 16 | - | - |
| 10 | 3/8 | 13 | 15 | 10 | 10 |
| 12 | 1/2 | 11 | 11 | - | 10 |

65° C

| | | Pressure (bar) | | | |
|----------|--------|----------------|------|-----|-------------|
| Metric Ø | Inch Ø | Fittings | Tube | NRV | Ball Valves |
| 4 | 5/32 | 10 | 10 | - | - |
| 6 | 1/4 | 10 | 10 | 4 | 7 |
| 8 | 5/16 | 10 | 10 | - | - |
| 10 | 3/8 | 7 | 7 | 4 | 7 |
| 12 | 1/2 | 7 | 7 | - | 7 |

20° C

| | | Pressure (bar) | | | |
|----------|--------|----------------|------|-----|-------------|
| Metric Ø | Inch Ø | Fittings | Tube | NRV | Ball Valves |
| 4 | 5/32 | 16 | 16 | - | - |
| 6 | 1/4 | 16 | 16 | 10 | 10 |
| 8 | 5/16 | 16 | 16 | - | - |
| 10 | 3/8 | 13 | 15 | 10 | 10 |
| 12 | 1/2 | 11 | 11 | - | 10 |

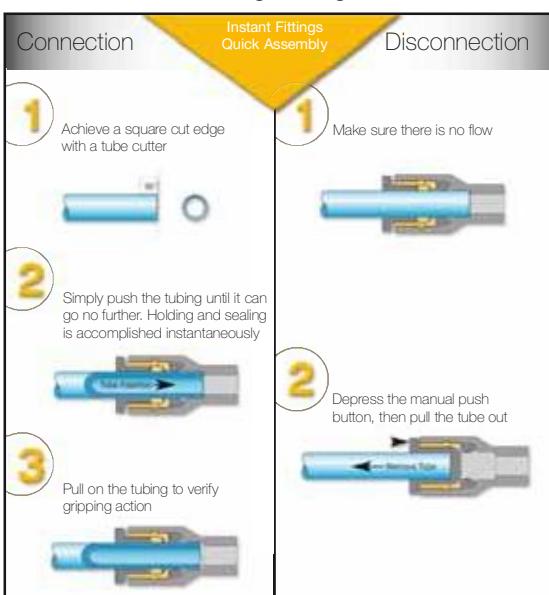
95° C

| | | Pressure (bar) | | | |
|----------|--------|----------------|------|-----|-------------|
| Metric Ø | Inch Ø | Fittings | Tube | NRV | Ball Valves |
| 4 | 5/32 | 4 | 4 | - | - |
| 6 | 1/4 | 4 | 4 | - | - |
| 8 | 5/16 | 4 | 4 | - | - |
| 10 | 3/8 | 4 | 4 | - | - |
| 12 | 1/2 | 4 | 4 | - | - |

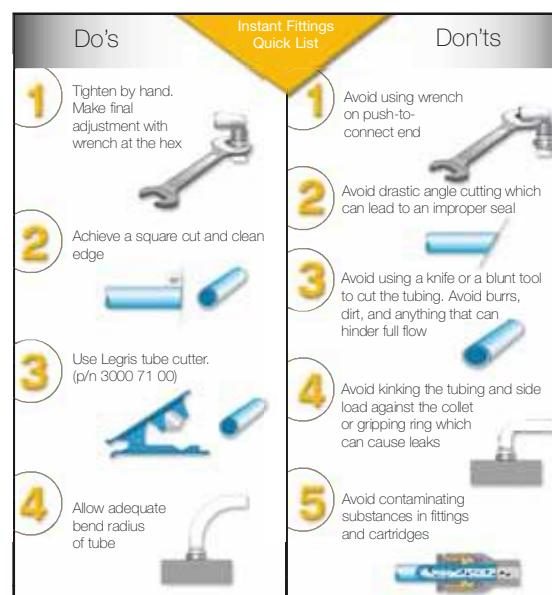
• Maximum torque

• Recommendations

Installation of Parker-Legris fittings



| BSPT/NPTF Threads | |
|-------------------|--------------|
| 1/8 and 1/4 | 3/8 and 1/2 |
| 1.5 Nm | 3.0 Nm |
| 1.0ft lbf-ft | 2.2ft lbf-ft |

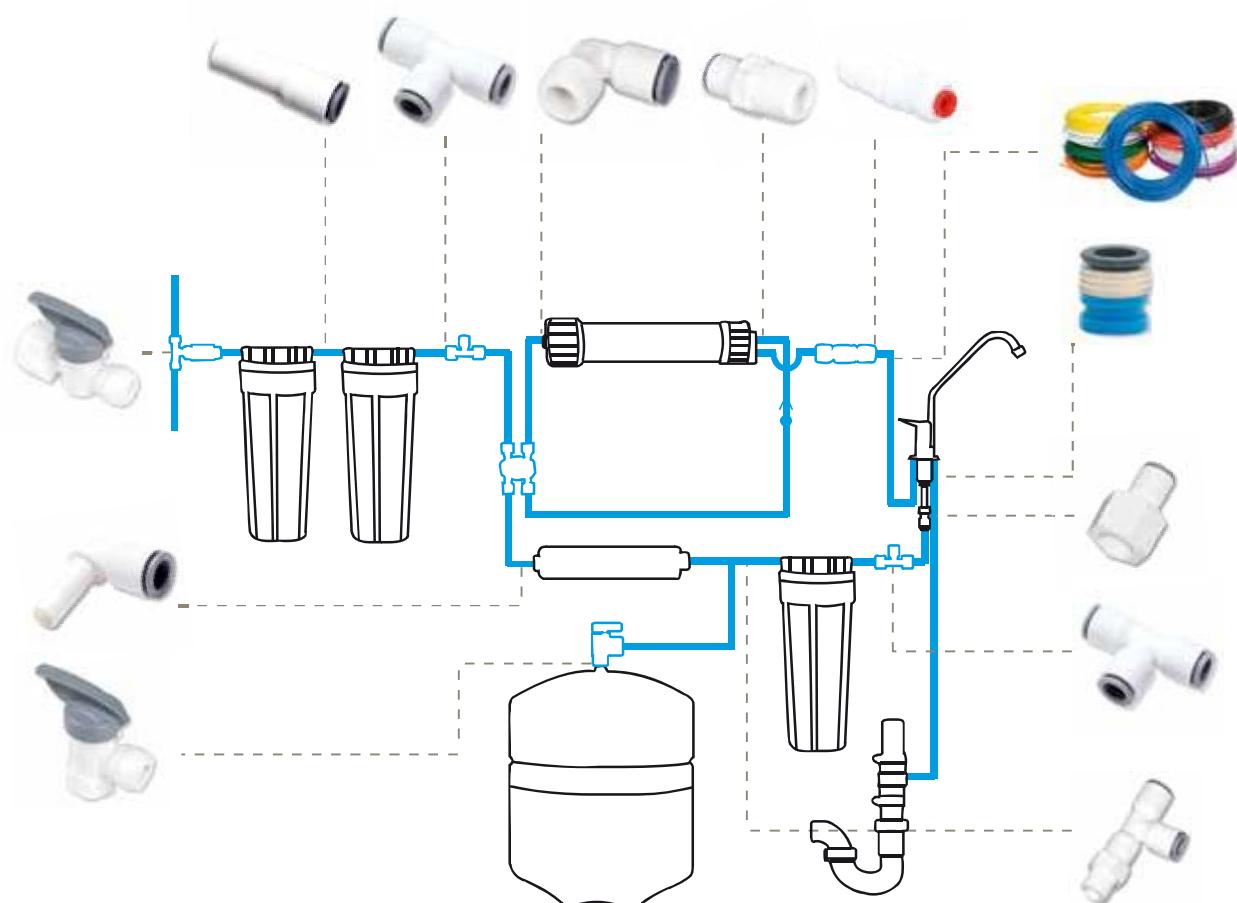




LIQUIfit™

The LIQUIfit™ range provides compact connections in all applications

- Suitable for a wide variety of uses in POU* water purification systems



- Other typical areas of application for LIQUIfit™



* Point of Use ** Point of Entry

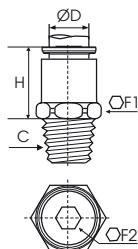


LIQUifit™

Metric Fittings Range

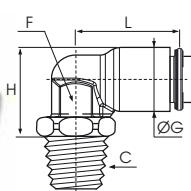


6305 Male connector - BSPT thread



| ØD | C BSPT | P2 Qty | Option P3 Qty | F1 mm | F2 mm | H mm | kg | | |
|----|-----------|---------------|---------------------|----------|----------|---------|----|------|-------|
| 4 | R1/8 | 6305 04 10WP2 | 10 | 100 | | 11 | 3 | 18 | 0,003 |
| 4 | R1/4 | 6305 04 13WP2 | 10 | 100 | | 14 | 3 | 18 | 0,004 |
| 6 | R1/8 | 6305 06 10WP2 | 10 | 100 | | 11 | 4 | 18 | 0,003 |
| 6 | R1/4 | 6305 06 13WP2 | 10 | 100 | | 14 | 4 | 18 | 0,004 |
| 8 | R1/8 | 6305 08 10WP2 | 10 | 100 | | 17 | 6 | 20 | 0,004 |
| 8 | R1/4 | 6305 08 13WP2 | 10 | 100 | | 17 | 6 | 20 | 0,004 |
| 8 | R3/8 | 6305 08 17WP2 | 10 | 100 | | 17 | 6 | 20 | 0,005 |
| 10 | R1/4 | 6305 10 13WP2 | 10 | 100 | | 17 | 7 | 21,5 | 0,005 |
| 10 | R3/8 | 6305 10 17WP2 | 10 | 100 | | 19 | 7 | 21,5 | 0,007 |
| 10 | R1/2 | 6305 10 21WP2 | 10 | 100 | | 22 | 7 | 21,5 | 0,01 |
| 12 | R3/8 | 6305 12 17WP2 | 5 | 50 | | 19 | 9 | 24,5 | 0,008 |
| 12 | R1/2 | 6305 12 21WP2 | 5 | 50 | | 22 | 9 | 24,5 | 0,012 |

6379 Fixed elbow - BSPT thread



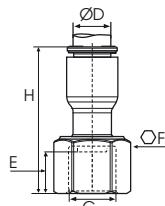
| ØD | C BSPT | P2 Qty | Option P3 Qty | F mm | G mm | H mm | L mm | L1 mm | kg | |
|----|-----------|---------------|---------------------|---------|---------|---------|---------|----------|----|-------|
| 6 | R1/8 | 6379 06 10WP2 | 10 | 100 | 10 | 11 | 14 | 19 | 8 | 0,002 |
| 6 | R1/4 | 6379 06 13WP2 | 10 | 100 | 10 | 11 | 14 | 19 | 12 | 0,003 |
| 6 | R3/8 | 6379 06 17WP2 | 10 | 100 | 10 | 11 | 14 | 19 | 12 | 0,004 |



Metric Fittings Range

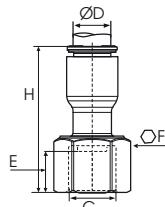
LIQUIfit™

6315 Female connector - BSPT thread



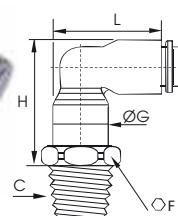
| ØD | C BSPT | P2 Qty | Option P3 Qty | E mm | F mm | H mm | kg |
|----|-----------|---------------|---------------------|---------|---------|---------|---------------|
| 6 | R1/8 | 6315 06 10WP2 | 10 | 100 | | 11 | 13 0,003 |
| 6 | R1/4 | 6315 06 13WP2 | 10 | 100 | | 14 | 16 0,004 |
| 8 | R1/4 | 6315 08 13WP2 | 10 | 100 | | 14 | 16 33,5 0,005 |
| 8 | R3/8 | 6315 08 17WP2 | 10 | 100 | | 14 | 20 36 0,006 |

6353 Tap connector - BSPP thread flat type



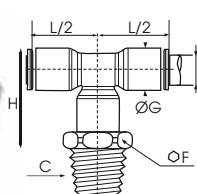
| ØD | C BSPP | P2 Qty | Option P3 Qty | E mm | F mm | H mm | kg |
|----|-----------|---------------|---------------------|---------|---------|---------|-------------|
| 10 | G1/2 | 6353 10 21WP2 | 10 | 100 | | 12 | 27 36 0,007 |

6309 Swivel elbow - BSPT thread



| ØD | C BSPT | P2 Qty | Option P3 Qty | F mm | G mm | H mm | L mm | kg |
|----|-----------|---------------|---------------------|---------|---------|---------|---------|---------------|
| 6 | R1/8 | 6309 06 10WP2 | 10 | 100 | | 13 | 10,5 | 24 0,006 |
| 6 | R1/4 | 6309 06 13WP2 | 10 | 100 | | 14 | 10,5 | 24 0,007 |
| 6 | R3/8 | 6309 06 17WP2 | 10 | 100 | | 17 | 10,5 | 24 0,008 |
| 8 | R1/8 | 6309 08 10WP2 | 10 | 100 | | 19 | 13,5 | 29,5 0,01 |
| 8 | R1/4 | 6309 08 13WP2 | 10 | 100 | | 19 | 13,5 | 29,5 0,011 |
| 8 | R3/8 | 6309 08 17WP2 | 10 | 100 | | 19 | 13,5 | 29,5 0,011 |
| 10 | R1/4 | 6309 10 13WP2 | 10 | 100 | | 19 | 16 | 38 34,5 0,019 |
| 10 | R3/8 | 6309 10 17WP2 | 10 | 100 | | 19 | 16 | 38 34,5 0,02 |
| 10 | R1/2 | 6309 10 21WP2 | 10 | 100 | | 22 | 16 | 38 34,5 0,023 |
| 12 | R3/8 | 6309 12 17WP2 | 4 | 40 | | 22 | 19 | 44 40 0,022 |
| 12 | R1/2 | 6309 12 21WP2 | 4 | 40 | | 22 | 19 | 44 40 0,024 |

6308 Swivel branch tee - BSPT thread



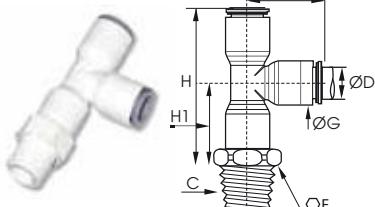
| ØD | C BSPT | P2 Qty | Option P3 Qty | F mm | G mm | H mm | L/2 mm | kg |
|----|-----------|---------------|---------------------|---------|---------|---------|-----------|---------------|
| 6 | R1/8 | 6308 06 10WP2 | 10 | 100 | | 13 | 10,5 | 28 18 0,008 |
| 6 | R1/4 | 6308 06 13WP2 | 10 | 100 | | 14 | 10,5 | 28 18 0,009 |
| 6 | R3/8 | 6308 06 17WP2 | 10 | 100 | | 17 | 10,5 | 28 18 0,01 |
| 8 | R1/8 | 6308 08 10WP2 | 10 | 100 | | 19 | 13,5 | 23 0,012 |
| 8 | R1/4 | 6308 08 13WP2 | 10 | 100 | | 19 | 13,5 | 23 0,013 |
| 8 | R3/8 | 6308 08 17WP2 | 10 | 100 | | 19 | 13,5 | 23 0,013 |
| 10 | R1/4 | 6308 10 13WP2 | 10 | 100 | | 19 | 16 | 38 26,5 0,018 |
| 10 | R3/8 | 6308 10 17WP2 | 10 | 100 | | 19 | 16 | 38 26,5 0,019 |
| 10 | R1/2 | 6308 10 21WP2 | 10 | 100 | | 22 | 16 | 38 26,5 0,022 |
| 12 | R3/8 | 6308 12 17WP2 | 4 | 40 | | 22 | 19 | 44 31 0,024 |
| 12 | R1/2 | 6308 12 21WP2 | 4 | 40 | | 22 | 19 | 44 31 0,026 |



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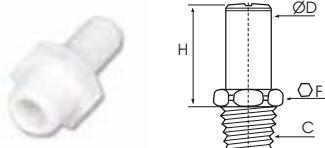
Metric Fittings Range

6303 Swivel male run tee - BSPT thread



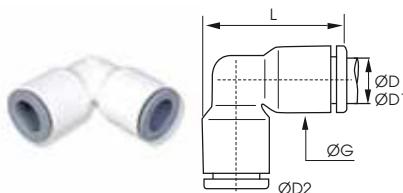
| ØD | C BSPT | P2 Qty | Option P3 Qty | F mm | G mm | H mm | H1 mm | L mm | Weight |
|----|-----------|---------------|---------------------|---------|---------|---------|----------|---------|------------|
| 6 | R1/8 | 6303 06 10WP2 | 10 | 100 | 13 | 10,5 | 40 | 22 | 18,5 0,008 |
| 6 | R1/4 | 6303 06 13WP2 | 10 | 100 | 14 | 10,5 | 40 | 22 | 18,5 0,009 |
| 6 | R3/8 | 6303 06 17WP2 | 10 | 100 | 17 | 10,5 | 40 | 22 | 18,5 0,01 |
| 8 | R1/8 | 6303 08 10WP2 | 10 | 100 | 19 | 13,5 | 50 | 27 | 23 0,012 |
| 8 | R1/4 | 6303 08 13WP2 | 10 | 100 | 19 | 13,5 | 50 | 27 | 23 0,013 |
| 8 | R3/8 | 6303 08 17WP2 | 10 | 100 | 19 | 13,5 | 50 | 27 | 23 0,013 |
| 10 | R1/4 | 6303 10 13WP2 | 10 | 100 | 19 | 16 | 56,5 | 30 | 26,5 0,018 |
| 10 | R3/8 | 6303 10 17WP2 | 10 | 100 | 19 | 16 | 56,5 | 30 | 26,5 0,019 |
| 10 | R1/2 | 6303 10 21WP2 | 10 | 100 | 22 | 16 | 56,5 | 30 | 26,5 0,022 |
| 12 | R3/8 | 6303 12 17WP2 | 4 | 40 | 22 | 19 | 65,5 | 34,5 | 31 0,024 |
| 12 | R1/2 | 6303 12 21WP2 | 4 | 40 | 22 | 19 | 65,5 | 34,5 | 31 0,026 |

6321 Stem adapter - BSPT thread



| ØD | C BSPT | P2 Qty | Option P3 Qty | F mm | H mm | Weight |
|----|-----------|---------------|---------------------|---------|---------|----------|
| 6 | R1/8 | 6321 06 10WP2 | 10 | 100 | 13 | 19 0,002 |
| 6 | R1/4 | 6321 06 13WP2 | 10 | 100 | 14 | 19 0,003 |
| 6 | R3/8 | 6322 06 17WP2 | 10 | 100 | 17 | 19 0,004 |
| 8 | R1/8 | 6321 08 10WP2 | 10 | 100 | 19 | 23 0,003 |
| 8 | R1/4 | 6321 08 13WP2 | 10 | 100 | 19 | 23 0,004 |
| 8 | R3/8 | 6321 08 17WP2 | 10 | 100 | 19 | 23 0,004 |
| 10 | R1/4 | 6321 10 13WP2 | 10 | 100 | 19 | 25 0,004 |
| 10 | R3/8 | 6321 10 17WP2 | 10 | 100 | 19 | 25 0,005 |
| 10 | R1/2 | 6321 10 21WP2 | 10 | 100 | 22 | 25 0,008 |
| 12 | R3/8 | 6321 12 17WP2 | 5 | 50 | 22 | 28 0,005 |
| 12 | R1/2 | 6321 12 21WP2 | 5 | 50 | 22 | 28 0,007 |

6302 Union elbow



| ØD | P2 Qty | Option P3 Qty | G mm | L mm | Weight |
|---------|---------------|---------------------|---------|---------|-----------------|
| 4 | 6302 04 00WP2 | 10 | 100 | 8,5 | 19,5 0,002 |
| 6 | 6302 06 00WP2 | 10 | 100 | 10,5 | 24 0,004 |
| 8 | 6302 08 00WP2 | 10 | 100 | 13,5 | 29,5 0,007 |
| 10 | 6302 10 00WP2 | 10 | 100 | 16 | 34,5 0,015 |
| 12 | 6302 12 00WP2 | 5 | 50 | 19 | 40,5 0,017 |
| ØD1 ØD2 | | | | | |
| 4 | 6 | 6302 04 06WP2 | 10 | 100 | 10,5 24 0,004 |
| 6 | 8 | 6302 06 08WP2 | 10 | 100 | 13,5 29,5 0,007 |
| 8 | 10 | 6302 08 10WP2 | 10 | 100 | 16 34,5 0,015 |
| 10 | 12 | 6302 10 12WP2 | 5 | 50 | 19 40,5 0,017 |

How to build part numbers : example **6305 08 17WP2**

| | | | | |
|------------------------------|-----------|---------------|-----------|-------------------------|
| 6305 | 08 | 17 | W | P2 |
| product range | tube o.d. | thread code | colours | packaging |
| 63XX = with pre-coating | 4 | 10 : 1/8 BSPT | W = White | P2 = standard packaging |
| 65XX = without pre-coating | 6 | 13 : 1/4 BSPT | G = Grey | P3 = bulk packaging |
| product type | 8 | 17 : 3/8 BSPT | | |
| XX05 = Male connector | 10 | 21 : 1/2 BSPT | | |
| XX79 = Fixed elbow | 12 | | | |

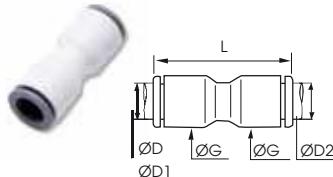




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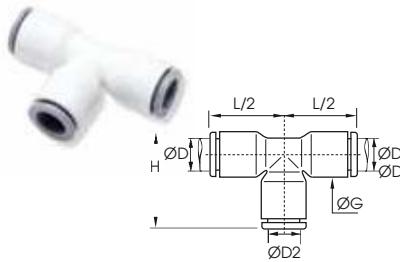
Metric Fittings Range

6306 Union connector



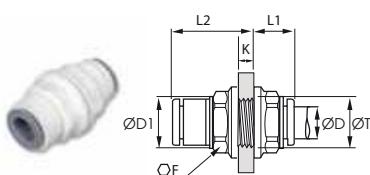
| ØD | P2 Qty | Option P3 Qty | G1 mm | G2 mm | L mm | Weight |
|---------|---------------|---------------------|----------|----------|---------|---------------|
| 4 | 6306 04 00WP2 | 10 | 100 | 8,5 | 8,5 | 26,5 0,002 |
| 6 | 6306 06 60WP2 | 10 | 100 | 10,5 | 10,5 | 30 0,004 |
| 8 | 6306 08 00WP2 | 10 | 100 | 13,5 | 13,5 | 37 0,007 |
| 10 | 6306 10 00WP2 | 10 | 100 | 16 | 16 | 42 0,009 |
| 12 | 6306 12 00WP2 | 5 | 50 | 19 | 19 | 50,5 0,015 |
| ØD1 ØD2 | | | | | | |
| 4 | 6 | 6306 04 06WP2 | 10 | 100 | 8,5 | 10,5 0,004 |
| 4 | 8 | 6306 04 08WP2 | 10 | 100 | 13,5 | 13,5 37 0,01 |
| 6 | 8 | 6306 06 08WP2 | 10 | 100 | 13,5 | 13,5 37 0,012 |
| 6 | 10 | 6306 06 10WP2 | 10 | 100 | 16 | 16 42 0,018 |
| 8 | 10 | 6306 08 10WP2 | 10 | 100 | 16 | 16 42 0,02 |
| 8 | 12 | 6306 08 12WP2 | 10 | 100 | 19 | 19 50 0,031 |
| 10 | 12 | 6306 10 12WP2 | 5 | 50 | 19 | 19 50 0,022 |

6304 Union tee



| ØD | P2 Qty | Option P3 Qty | G mm | H mm | L/2 mm | Weight |
|----|---------------|---------------------|---------|---------|-----------|------------|
| 4 | 6304 04 00WP2 | 10 | 100 | 8,5 | 20 | 15,5 0,004 |
| 6 | 6304 06 00WP2 | 10 | 100 | 10,5 | 23 | 18 0,006 |
| 8 | 6304 08 00WP2 | 10 | 100 | 13,5 | 29 | 22,5 0,009 |
| 10 | 6304 10 00WP2 | 10 | 100 | 16 | 34,5 | 26,5 0,014 |
| 12 | 6304 12 00WP2 | 5 | 50 | 19 | 40 | 31 0,019 |

6316 Bulkhead union



| ØD | ØD1 | P2 Qty | Option P3 Qty | F mm | Kmax mm | L1 mm | L2 mm | Tmin mm | Weight |
|----|------|---------------|---------------------|---------|------------|----------|----------|------------|------------|
| 4 | 16 | 6316 04 00WP2 | 10 | 100 | 13 | 5,5 | 10,5 | 15,5 | 10,5 0,018 |
| 6 | 18 | 6316 06 00WP2 | 10 | 100 | 15 | 8,5 | 10 | 20 | 12,5 0,029 |
| 8 | 21,5 | 6316 08 00WP2 | 10 | 100 | 18 | 14,5 | 10,5 | 27 | 15,5 0,037 |
| 10 | 26 | 6316 10 00WP2 | 10 | 100 | 22 | 14,5 | 13 | 30 | 18,5 0,084 |
| 12 | 31 | 6316 12 00WP2 | 5 | 50 | 26 | 18,5 | 15,5 | 35 | 22,5 0,102 |

All plastic nuts are fitted with an integrated O-ring to optimize sealing to a bulkhead wall.

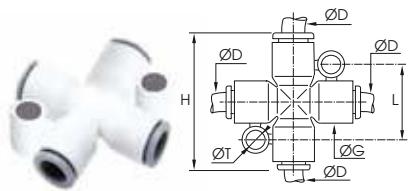




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Metric Fittings Range

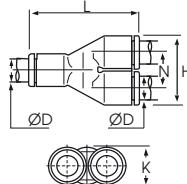
6307 Cross



| ØD | P2 Qty | Option P3 Qty | G mm | H mm | L mm | T mm | kg |
|----|---------------|---------------|------|------|------|------|----------|
| 6 | 6307 06 00WP2 | 10 | 100 | 11 | 36 | 20 | 4,2 0,01 |
| 8 | 6307 08 00WP2 | 10 | 100 | 13,5 | 45 | 22,5 | 4,2 0,02 |

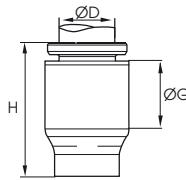
available upon request

6340 Two-way divider



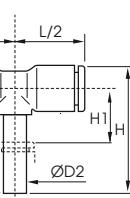
| ØD | P2 Qty | Option P3 Qty | H mm | K mm | L mm | N mm | kg |
|----|---------------|---------------|------|------|------|------|------------|
| 4 | 6340 04 00WP2 | 10 | 100 | 17,5 | 8,5 | 30 | 9 0,004 |
| 6 | 6340 06 00WP2 | 10 | 100 | 21,5 | 10,5 | 36,5 | 11 0,007 |
| 8 | 6340 08 00WP2 | 10 | 100 | 28 | 13,5 | 44,5 | 14,5 0,013 |
| 10 | 6340 10 00WP2 | 10 | 100 | 33 | 16 | 53 | 17 0,02 |
| 12 | 6340 12 00WP2 | 5 | 50 | 39 | 19 | 60,5 | 20 0,025 |

6351 Tube cap



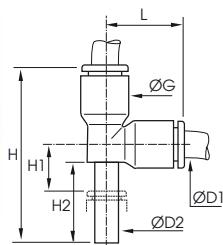
| ØD | P2 Qty | Option P3 Qty | G mm | H mm | kg |
|----|---------------|---------------|------|------|------------|
| 4 | 6351 04 00WP2 | 10 | 100 | 8,5 | 15 0,001 |
| 6 | 6351 06 00WP2 | 10 | 100 | 10,5 | 17 0,002 |
| 8 | 6351 08 00WP2 | 10 | 100 | 13,5 | 21,5 0,003 |
| 10 | 6351 10 00WP2 | 10 | 100 | 16 | 22 0,003 |
| 12 | 6351 12 00WP2 | 10 | 100 | 19 | 27,5 0,006 |

6388 Plug-in branch tee with plastic tailpiece



| tube ØD1 | stem ØD2 | P2 Qty | Option P3 Qty | G mm | H mm | H1 mm | H2 mm | L/2 mm | kg |
|----------|----------|---------------|---------------|------|------|-------|-------|-----------|-------|
| 4 | 4 | 6388 04 00WP2 | 10 | 100 | 8,5 | 25 | 6 | 15,5 15 | 0,005 |
| 6 | 6 | 6388 06 00WP2 | 10 | 100 | 10,5 | 28,5 | 7 | 17 16 | 0,006 |
| 8 | 8 | 6388 08 00WP2 | 10 | 100 | 13,5 | 33,5 | 8 | 21,5 23 | 0,008 |
| 10 | 10 | 6388 10 00WP2 | 10 | 100 | 16 | 41 | 9,5 | 24,5 26,5 | 0,012 |

6383 Plug-in equal and unequal run tee with plastic tailpiece



| tube ØD1 | ØD2 | P2 Qty | Option P3 Qty | G mm | H mm | H1 mm | H2 mm | L mm | kg |
|----------|-----|---------------|---------------|------|------|-------|-------|-----------|-------|
| 4 | 4 | 6383 04 00WP2 | 10 | 100 | 8,5 | 33 | 6 | 15,5 15 | 0,005 |
| 6 | 6 | 6383 06 00WP2 | 10 | 100 | 10,5 | 38,5 | 7 | 17 18 | 0,006 |
| 8 | 8 | 6383 08 00WP2 | 10 | 100 | 13,5 | 49 | 8 | 21,5 23 | 0,008 |
| 10 | 10 | 6383 10 00WP2 | 10 | 100 | 16 | 57 | 10,5 | 25,5 26,5 | 0,012 |

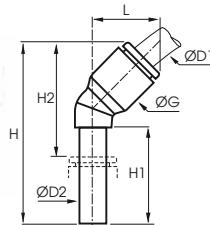
available upon request



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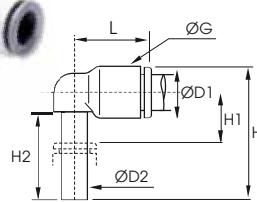
Metric Fittings Range

6380 Plug-in 45° elbow with plastic tailpiece



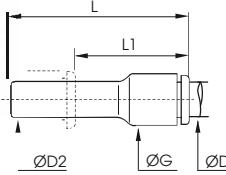
| tube ØD1 | stem ØD2 | P2 Qty | Option P3 Qty | G mm | H mm | H1 mm | H2 mm | L mm | available upon request |
|-------------|-------------|---------------|---------------------|---------|---------|----------|----------|---------|------------------------|
| 4 | 4 | 6380 04 00WP2 | 10 | 100 | 8,5 | 33,5 | 19 | 21 | 13 0,005 |
| 6 | 6 | 6380 06 00WP2 | 10 | 100 | 11 | 39 | 21 | 25 | 14,5 0,005 |
| 8 | 8 | 6380 08 00WP2 | 10 | 100 | 13,5 | 44 | 21,5 | 25,5 | 19,5 0,006 |
| 10 | 10 | 6380 10 00WP2 | 10 | 100 | 16 | 53 | 27 | 32,5 | 23 0,009 |
| 12 | 12 | 6380 12 00WP2 | 5 | 50 | 19 | 58 | 27 | 34 | 26 0,012 |

6382 Plug-in elbow with plastic tailpiece



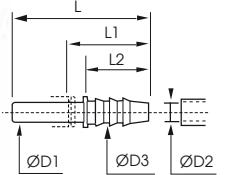
| tube ØD1 | stem ØD2 | P2 Qty | Option P3 Qty | G mm | H mm | H1 mm | H2 mm | L mm | available upon request |
|-------------|-------------|---------------|---------------------|---------|---------|----------|----------|---------|------------------------|
| 4 | 4 | 6382 04 00WP2 | 10 | 100 | 8,5 | 23 | 6 | 15,5 | 15 0,003 |
| 6 | 6 | 6382 06 00WP2 | 10 | 100 | 10,5 | 26,5 | 7 | 17 | 17 0,003 |
| 8 | 8 | 6382 08 00WP2 | 10 | 100 | 13,5 | 33,5 | 8 | 21,5 | 22,5 0,004 |
| 10 | 10 | 6382 10 00WP2 | 10 | 100 | 16 | 39 | 9,5 | 24,5 | 26,5 0,009 |
| 12 | 12 | 6382 12 00WP2 | 5 | 50 | 19 | 44,5 | 10 | 27 | 31 0,012 |
| 4 | 6 | 6382 04 06WP2 | 10 | 100 | 10,5 | 26,5 | 7 | 17 | 16,5 0,003 |
| 6 | 4 | 6382 06 04WP2 | 10 | 100 | 10,5 | 25 | 7 | 15,5 | 17 0,004 |
| 6 | 8 | 6382 06 08WP2 | 10 | 100 | 13,5 | 33,5 | 8 | 21,5 | 22,5 0,004 |
| 8 | 10 | 6382 08 10WP2 | 10 | 100 | 16 | 39 | 9,5 | 24,5 | 26 0,009 |
| 10 | 12 | 6382 10 12WP2 | 10 | 100 | 19 | 44,5 | 10 | 27 | 30 0,012 |

6366 Reducer with plastic tailpiece



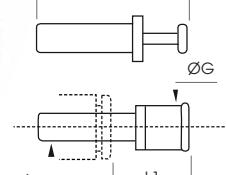
| tube ØD1 | stem ØD2 | P2 Qty | Option P3 Qty | G mm | L mm | L1 mm | available upon request |
|-------------|-------------|---------------|---------------------|---------|---------|----------|------------------------|
| 4 | 6 | 6366 04 06WP2 | 10 | 100 | 8,5 | 38 | 23,5 0,004 |
| 4 | 8 | 6366 04 08WP2 | 10 | 100 | 8,5 | 38 | 19 0,004 |
| 6 | 8 | 6366 06 08WP2 | 10 | 100 | 10,5 | 38 | 20 0,004 |
| 6 | 10 | 6366 06 10WP2 | 10 | 100 | 10,5 | 39 | 17,5 0,006 |
| 8 | 10 | 6366 08 10WP2 | 10 | 100 | 13,5 | 48,5 | 28,5 0,009 |
| 8 | 12 | 6366 08 12WP2 | 10 | 100 | 13,5 | 48,5 | 24,5 0,01 |
| 10 | 12 | 6366 10 12WP2 | 10 | 100 | 16 | 52 | 33,5 0,019 |
| 10 | 14 | 6366 10 14WP2 | 10 | 100 | 16 | 53 | 33,5 0,02 |
| 12 | 14 | 6366 12 14WP2 | 5 | 50 | 19 | 55,5 | 33,5 0,023 |

6322 Tube-to-hose stem with plastic tailpiece



| ØD1 | ØD2 | P2 Qty | Option P3 Qty | ØD3 | L mm | L1 mm | L2 mm | available upon request |
|-----|-----|---------------|---------------------|-----|---------|----------|----------|------------------------|
| 6 | 4 | 6322 06 04WP2 | 10 | 100 | 7 | 39 | 25 | 17 0,004 |
| 8 | 6 | 6322 08 06WP2 | 10 | 100 | 8,5 | 43 | 25 | 17 0,005 |
| 10 | 7 | 6322 10 07WP2 | 10 | 100 | 8 | 50 | 29,5 | 22 0,006 |

6326 Plug with plastic tailpiece



| ØD | P2 Qty | Option P3 Qty | G mm | L mm | L1 mm | available upon request |
|----|---------------|---------------------|---------|---------|----------|------------------------|
| 4 | 6326 04 00WP2 | 10 | 100 | 6 | 30 | 15,5 0,001 |
| 6 | 6326 06 00WP2 | 10 | 100 | 8 | 33 | 16,5 0,001 |
| 8 | 6326 08 00WP2 | 10 | 100 | 10 | 35 | 17,5 0,002 |
| 10 | 6326 10 00WP2 | 10 | 100 | 12 | 42 | 21 0,003 |
| 12 | 6326 12 00WP2 | 5 | 50 | 14 | 45 | 22 0,004 |

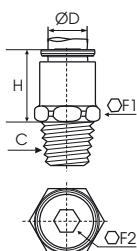


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Fractional Inch Fittings Range

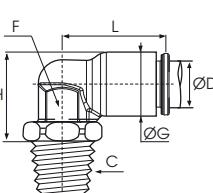


6305 Male connector - BSPT thread



| ØD | C BSPT | P2 Qty | Option P3 Qty | F1 Inch | F2 Inch | H mm | Weight | | |
|------|-----------|---------------|---------------------|------------|------------|---------|--------|------|-------|
| 5/32 | R1/8 | 6305 04 10WP2 | 10 | 100 | | 7/16 | 3/32 | 18 | 0,002 |
| 5/32 | R1/4 | 6305 04 13WP2 | 10 | 100 | | 9/16 | 3/32 | 18 | 0,003 |
| 1/4 | R1/8 | 6305 56 10WP2 | 10 | 100 | | 7/16 | 5/32 | 17 | 0,002 |
| 1/4 | R1/4 | 6305 56 13WP2 | 10 | 100 | | 9/16 | 5/32 | 17 | 0,003 |
| 5/16 | R1/8 | 6305 08 10WP2 | 10 | 100 | | 11/16 | 7/32 | 20 | 0,004 |
| 5/16 | R1/4 | 6305 08 13WP2 | 10 | 100 | | 11/16 | 7/32 | 20 | 0,004 |
| 5/16 | R3/8 | 6305 08 17WP2 | 10 | 100 | | 11/16 | 7/32 | 20 | 0,005 |
| 3/8 | R1/4 | 6305 60 13WP2 | 10 | 100 | | 3/4 | 5/32 | 22,1 | 0,006 |
| 3/8 | R1/4 | 6305 60 17WP2 | 10 | 100 | | 3/4 | 5/32 | 22,1 | 0,006 |
| 3/8 | R3/8 | 6305 60 21WP2 | 10 | 100 | | 3/4 | 1/4 | 27,9 | 0,012 |
| 1/2 | R3/8 | 6305 62 17WP2 | 5 | 50 | | 15/16 | 1/4 | 27,9 | 0,014 |
| 1/2 | R1/2 | 6305 62 21WP2 | 5 | 50 | | 15/16 | 3/8 | 27,9 | 0,017 |

6379 Fixed elbow - BSPT thread



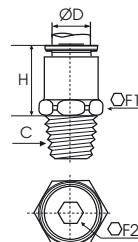
| ØD | C BSPT | P2 Qty | Option P3 Qty | F Inch | G mm | H mm | L mm | Weight | | |
|-----|-----------|---------------|---------------------|-----------|---------|---------|---------|--------|----|-------|
| 1/4 | R1/8 | 6379 56 10WP2 | 10 | 100 | | 3/8 | 11 | 22 | 18 | 0,003 |
| 1/4 | R1/4 | 6379 56 13WP2 | 10 | 100 | | 3/8 | 11 | 26 | 18 | 0,003 |
| 1/4 | R3/8 | 6379 56 17WP2 | 10 | 100 | | 3/8 | 11 | 26 | 18 | 0,003 |
| 3/8 | R1/4 | 6379 60 13WP2 | 10 | 100 | | 1/2 | 16 | 31,5 | 26 | 0,006 |
| 3/8 | R3/8 | 6379 60 17WP2 | 10 | 100 | | 1/2 | 16 | 32 | 26 | 0,006 |



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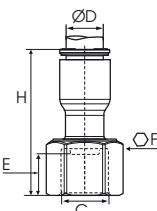
Fractional Inch Fittings Range

6305 Male connector - NPTF thread



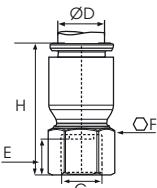
| ØD | C NPTF | P2 Qty | Option P3 Qty | F1 Inch | F2 Inch | H mm | Weight | | |
|-----|-----------|---------------|---------------------|------------|------------|---------|--------|------|-------|
| 1/4 | 1/8 | 6305 56 11WP2 | 10 | 100 | | 1/2 | 5/32 | 17 | 0,002 |
| 1/4 | 1/4 | 6305 56 14WP2 | 10 | 100 | | 9/16 | 5/32 | 17 | 0,003 |
| 1/4 | 3/8 | 6305 56 18WP2 | 10 | 100 | | 3/4 | 1/4 | 21,5 | 0,004 |
| 3/8 | 1/8 | 6305 60 11WP2 | 10 | 100 | | 3/4 | 5/32 | 22,1 | 0,005 |
| 3/8 | 1/4 | 6305 60 14WP2 | 10 | 100 | | 3/4 | 1/4 | 22,1 | 0,006 |
| 3/8 | 3/8 | 6305 60 18WP2 | 10 | 100 | | 3/4 | 1/4 | 22,1 | 0,006 |
| 3/8 | 1/2 | 6305 60 22WP2 | 10 | 100 | | 15/16 | 1/4 | 27 | 0,012 |
| 1/2 | 3/8 | 6305 62 18WP2 | 5 | 50 | | 15/16 | 3/8 | 28 | 0,012 |
| 1/2 | 1/2 | 6305 62 22WP2 | 5 | 50 | | 15/16 | 3/8 | 28 | 0,014 |

6315 Female connector - NPTF thread



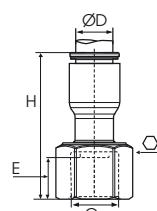
| ØD | C NPTF | P2 Qty | Option P3 Qty | E mm | F Inch | H mm | Weight | | |
|-----|-----------|---------------|---------------------|---------|-----------|---------|--------|----|-------|
| 1/4 | 1/4 | 6315 56 14WP2 | 10 | 100 | | 12 | 11/16 | 30 | 0,004 |
| 3/8 | 3/8 | 6315 60 18WP2 | 10 | 100 | | 12 | 13/16 | 36 | 0,009 |

6325 Faucet connector - UNS



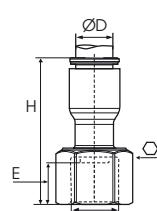
| ØD | C UNS | P2 Qty | Option P3 Qty | E mm | F inch | H mm | Weight | | |
|-----|----------|----------------|---------------------|---------|-----------|---------|--------|----|-------|
| 1/4 | 7/16-24 | 6325 56 133WP2 | 10 | 100 | | 7 | 9/16 | 31 | 0,002 |
| 3/8 | 7/16-24 | 6325 60 133WP2 | 10 | 100 | | 7 | 9/16 | 32 | 0,004 |

6352 Female connector - BSPP thread flat type



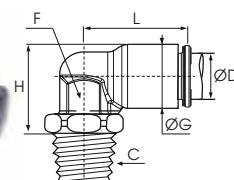
| ØD | C BSPP | P2 Qty | Option P3 Qty | E mm | F Inch | H mm | Weight | | |
|-----|-----------|---------------|---------------------|---------|-----------|---------|--------|----|-------|
| 3/8 | G3/8 | 6352 60 17WP2 | 10 | 100 | | 12 | 22 | 36 | 0,009 |
| 3/8 | G1/2 | 6352 60 21WP2 | 10 | 100 | | 12 | 27 | 36 | 0,01 |

6353 Tap connector - BSPP thread cone type



| ØD | C BSPP | P2 Qty | Option P3 Qty | E mm | F Inch | H mm | Weight | | |
|-----|-----------|---------------|---------------------|---------|-----------|---------|--------|----|------|
| 3/8 | G1/2 | 6353 60 21WP2 | 10 | 100 | | 12 | 27 | 36 | 0,01 |

6379 Fixed elbow - NPTF thread



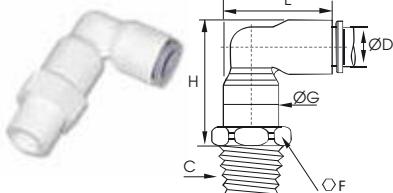
| ØD | C NPTF | P2 Qty | Option P3 Qty | F Inch | G mm | H mm | L mm | Weight | | |
|-----|-----------|---------------|---------------------|-----------|---------|---------|---------|--------|----|-------|
| 1/4 | 1/8 | 6379 56 11WP2 | 10 | 100 | | 3/8 | 11 | 22 | 18 | 0,003 |
| 1/4 | 1/4 | 6379 56 14WP2 | 10 | 100 | | 3/8 | 11 | 26 | 18 | 0,003 |
| 1/4 | 3/8 | 6379 56 18WP2 | 10 | 100 | | 3/8 | 11 | 26,5 | 18 | 0,003 |
| 3/8 | 1/4 | 6379 60 14WP2 | 10 | 100 | | 1/2 | 16 | 32 | 26 | 0,006 |
| 3/8 | 3/8 | 6379 60 18WP2 | 10 | 100 | | 1/2 | 16 | 32,0 | 26 | 0,006 |



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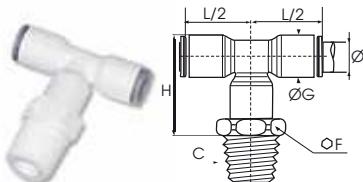
Fractional Inch Fittings Range

6309 Swivel elbow - BSPT thread



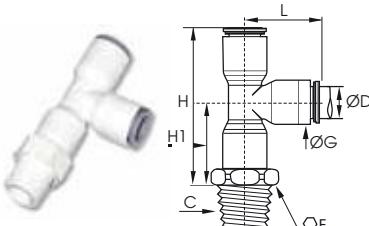
| ØD | C BSPT | P2 Qty | Option P3 Qty | F Inch | G mm | H mm | L mm | 秤 |
|------|-----------|---------------|---------------------|-----------|---------|---------|---------|------------|
| 1/4 | R1/8 | 6309 56 10WP2 | 10 | 100 | | 1/2 | 11 | 28 |
| 1/4 | R1/4 | 6309 56 13WP2 | 10 | 100 | 9/16 | 11 | 28 | 23,6 0,003 |
| 1/4 | R3/8 | 6309 56 17WP2 | 10 | 100 | 11/16 | 11 | 28 | 23,6 0,004 |
| 5/16 | R1/8 | 6309 08 10WP2 | 10 | 100 | | 3/4 | 13,5 | 34 |
| 5/16 | R1/4 | 6309 08 13WP2 | 10 | 100 | | 3/4 | 13,5 | 34 |
| 5/16 | R3/8 | 6309 08 17WP2 | 10 | 100 | | 3/4 | 13,5 | 34 |
| 3/8 | R1/4 | 6309 60 13WP2 | 10 | 100 | | 3/4 | 16 | 38 |
| 3/8 | R3/8 | 6309 60 17WP2 | 10 | 100 | | 3/4 | 16 | 38 |
| 1/2 | R3/8 | 6309 62 17WP2 | 4 | 40 | | 15/16 | 22 | 50,5 |
| 1/2 | R1/2 | 6309 62 21WP2 | 4 | 40 | | 15/16 | 22 | 50,5 |

6308 Swivel branch tee - BSPT thread



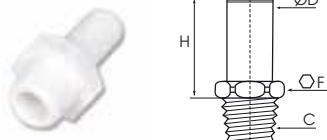
| ØD | C BSPT | P2 Qty | Option P3 Qty | F Inch | G mm | H mm | L/2 mm | 秤 |
|------|-----------|---------------|---------------------|-----------|---------|---------|-----------|----------|
| 1/4 | R1/8 | 6308 56 10WP2 | 10 | 100 | | 1/2 | 11 | 28 |
| 1/4 | R1/4 | 6308 56 13WP2 | 10 | 100 | 9/16 | 11 | 28 | 18 0,004 |
| 1/4 | R3/8 | 6308 56 17WP2 | 10 | 100 | 11/16 | 11 | 29 | 18 0,005 |
| 5/16 | R1/8 | 6308 08 10WP2 | 10 | 100 | | 3/4 | 13,5 | 34 |
| 5/16 | R1/4 | 6308 08 13WP2 | 10 | 100 | | 3/4 | 13,5 | 34 |
| 5/16 | R3/8 | 6308 08 17WP2 | 10 | 100 | | 3/4 | 13,5 | 34 |
| 3/8 | R1/4 | 6308 60 13WP2 | 10 | 100 | | 3/4 | 16 | 38 |
| 3/8 | R3/8 | 6308 60 17WP2 | 10 | 100 | | 3/4 | 16 | 38 |
| 1/2 | R3/8 | 6308 62 17WP2 | 4 | 40 | | 15/16 | 22 | 50 |
| 1/2 | R1/2 | 6308 62 21WP2 | 4 | 40 | | 15/16 | 22 | 50 |

6303 Swivel male run tee - BSPT thread



| ØD | C BSPT | P2 Qty | Option P3 Qty | F Inch | G mm | H mm | H1 mm | L mm | 秤 |
|------|-----------|---------------|---------------------|-----------|---------|---------|----------|---------|-----------------|
| 1/4 | R1/8 | 6303 56 10WP2 | 10 | 100 | | 1/2 | 11 | 41,5 | 22,5 0,004 |
| 1/4 | R1/4 | 6303 56 13WP2 | 10 | 100 | 9/16 | 11 | 41,5 | 22,5 | 18 0,005 |
| 1/4 | R3/8 | 6303 56 17WP2 | 10 | 100 | 11/16 | 11 | 41,5 | 23 | 18 0,007 |
| 5/16 | R1/8 | 6303 08 10WP2 | 10 | 100 | | 3/4 | 13,5 | 50 | 27 23 0,012 |
| 5/16 | R1/4 | 6303 08 13WP2 | 10 | 100 | | 3/4 | 13,5 | 50 | 27 23 0,013 |
| 5/16 | R3/8 | 6303 08 17WP2 | 10 | 100 | | 3/4 | 13,5 | 50 | 27 23 0,013 |
| 3/8 | R1/4 | 6303 60 13WP2 | 10 | 100 | | 3/4 | 16 | 56 | 30 26 0,013 |
| 3/8 | R3/8 | 6303 60 17WP2 | 10 | 100 | | 3/4 | 16 | 56 | 30 26 0,013 |
| 1/2 | R3/8 | 6303 62 17WP2 | 4 | 40 | | 15/16 | 22 | 75 | 39,5 35,5 0,032 |
| 1/2 | R1/2 | 6303 62 21WP2 | 4 | 40 | | 15/16 | 22 | 75 | 39,5 35,5 0,035 |

6321 Stem adapter - BSPT thread



| ØD | C BSPT | P2 Qty | Option P3 Qty | F Inch | H mm | 秤 |
|------|-----------|---------------|---------------------|-----------|---------|------------------|
| 1/4 | R1/8 | 6321 56 10WP2 | 10 | 100 | | 1/2 19 0,001 |
| 1/4 | R1/4 | 6321 56 13WP2 | 10 | 100 | 9/16 | 19 0,002 |
| 1/4 | R3/8 | 6321 56 17WP2 | 10 | 100 | 11/16 | 19 0,004 |
| 5/16 | R1/8 | 6321 08 10WP2 | 10 | 100 | | 3/4 23 0,003 |
| 5/16 | R1/4 | 6321 08 13WP2 | 10 | 100 | | 3/4 23 0,004 |
| 5/16 | R3/8 | 6321 08 17WP2 | 10 | 100 | 11/16 | 19 0,004 |
| 3/8 | R1/4 | 6321 60 13WP2 | 10 | 100 | | 3/4 25 0,004 |
| 3/8 | R3/8 | 6321 60 17WP2 | 10 | 100 | | 3/4 25 0,004 |
| 1/2 | R3/8 | 6321 62 17WP2 | 5 | 50 | | 15/16 31,5 0,006 |
| 1/2 | R1/2 | 6321 62 21WP2 | 5 | 50 | | 15/16 31,5 0,009 |

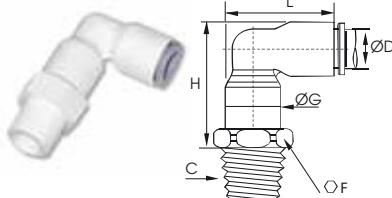




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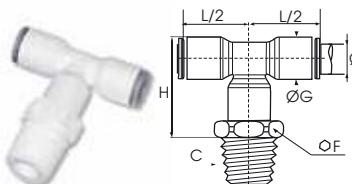
Fractional Inch Fittings Range

6309 Swivel elbow - NPTF thread



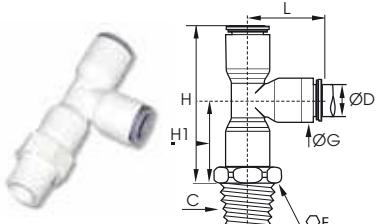
| ØD | C NPTF | P2 Qty | Option P3 Qty | F Inch | G mm | H mm | L mm | 秤 |
|-----|-----------|---------------|---------------------|-----------|---------|---------|-----------------|-----------------|
| 1/4 | 1/8 | 6309 56 11WP2 | 10 | 100 | | 1/2 | 11 | 28,6 0,003 |
| 1/4 | 1/4 | 6309 56 14WP2 | 10 | 100 | 9/16 | 11 | 28,0 23,6 0,004 | |
| 1/4 | 3/8 | 6309 56 18WP2 | 10 | 100 | | 3/4 | 11 | 28,5 23,6 0,006 |
| 3/8 | 1/4 | 6309 60 14WP2 | 10 | 100 | | 3/4 | 16 | 38 34 0,010 |
| 3/8 | 3/8 | 6309 60 18WP2 | 10 | 100 | | 3/4 | 16 | 38 34 0,011 |
| 1/2 | 3/8 | 6309 62 18WP2 | 4 | 40 | | 15/16 | 22 | 50,5 46,5 0,024 |
| 1/2 | 1/2 | 6309 62 22WP2 | 4 | 40 | | 15/16 | 22 | 51,5 46,5 0,027 |

6308 Swivel branch tee - NPTF thread



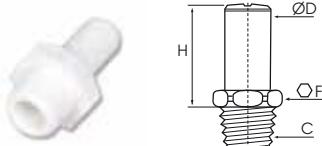
| ØD | C NPTF | P2 Qty | Option P3 Qty | F Inch | G mm | H mm | L mm | 秤 |
|-----|-----------|---------------|---------------------|-----------|---------|---------|-------------|---------------|
| 1/4 | 1/8 | 6308 56 11WP2 | 10 | 100 | | 1/2 | 11 | 28 18 0,004 |
| 1/4 | 1/4 | 6308 56 14WP2 | 10 | 100 | 9/16 | 11 | 28 18 0,005 | |
| 1/4 | 3/8 | 6308 56 18WP2 | 10 | 100 | | 3/4 | 11 | 29 18 0,007 |
| 3/8 | 1/4 | 6308 60 14WP2 | 10 | 100 | | 3/4 | 16 | 38 26 0,013 |
| 3/8 | 3/8 | 6308 60 18WP2 | 10 | 100 | | 3/4 | 16 | 38 26 0,013 |
| 1/2 | 3/8 | 6308 62 18WP2 | 4 | 40 | | 15/16 | 22 | 50 35,5 0,032 |
| 1/2 | 1/2 | 6308 62 22WP2 | 4 | 40 | | 15/16 | 22 | 51 35,5 0,035 |

6303 Swivel male run tee - NPTF thread



| ØD | C NPTF | P2 Qty | Option P3 Qty | F Inch | G mm | H mm | H1 mm | L mm | 秤 |
|-----|-----------|---------------|---------------------|-----------|---------|---------|----------------------|----------------------|---|
| 1/4 | 1/8 | 6303 56 11WP2 | 10 | 100 | | 1/2 | 11 | 40,5 22,5 18,0 0,004 | |
| 1/4 | 1/4 | 6303 56 14WP2 | 10 | 100 | 9/16 | 11 | 40,5 22,5 18,0 0,005 | | |
| 1/4 | 3/8 | 6303 56 18WP2 | 10 | 100 | | 3/4 | 11 | 41,5 23 18,0 0,007 | |
| 3/8 | 1/4 | 6303 60 14WP2 | 10 | 100 | | 3/4 | 16 | 56 30 26 0,013 | |
| 3/8 | 3/8 | 6303 60 18WP2 | 10 | 100 | | 3/4 | 16 | 56 30 26 0,013 | |
| 1/2 | 3/8 | 6303 62 18WP2 | 4 | 40 | | 15/16 | 22 | 75 39,5 35,5 0,032 | |
| 1/2 | 1/2 | 6303 62 22WP2 | 4 | 40 | | 15/16 | 22 | 76 40,5 35,5 0,035 | |

6321 Stem adapter - NPTF thread



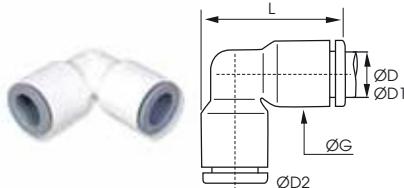
| ØD | C NPTF | P2 Qty | Option P3 Qty | F Inch | H mm | 秤 |
|-----|-----------|---------------|---------------------|-----------|---------|------------------|
| 1/4 | 1/8 | 6321 56 11WP2 | 10 | 100 | | 1/2 19 0,001 |
| 1/4 | 1/4 | 6321 56 14WP2 | 10 | 100 | | 1/2 19 0,002 |
| 1/4 | 3/8 | 6321 56 18WP2 | 10 | 100 | | 3/4 19,5 0,004 |
| 3/8 | 1/4 | 6321 60 14WP2 | 10 | 100 | | 3/4 25 0,004 |
| 3/8 | 3/8 | 6321 60 18WP2 | 10 | 100 | | 3/4 25 0,004 |
| 1/2 | 3/8 | 6321 62 18WP2 | 5 | 50 | | 15/16 31 0,006 |
| 1/2 | 1/2 | 6321 62 22WP2 | 5 | 50 | | 15/16 32,5 0,009 |



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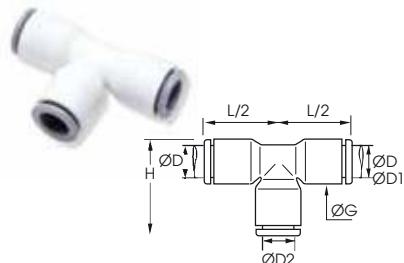
Fractional Inch Fittings Range

6302 Union elbow



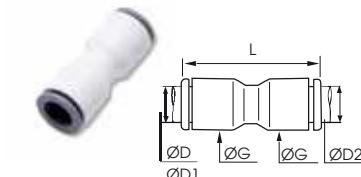
| ØD | P2 Qty | Option P3 Qty | G mm | L mm | |
|---------|---------------|---------------------|---------|---------|-----------------|
| 5/32 | 6302 04 00WP2 | 10 | 100 | 8,5 | 19 0,002 |
| 1/4 | 6302 56 00WP2 | 10 | 100 | 11 | 24 0,007 |
| 5/16 | 6302 08 00WP2 | 10 | 100 | 13,5 | 29,5 0,007 |
| 3/8 | 6302 60 00WP2 | 10 | 100 | 16 | 34 0,006 |
| 1/2 | 6302 62 00WP2 | 5 | 50 | 22 | 46,5 0,018 |
| ØD1 ØD2 | | | | | |
| 1/4 | 5/16 | 6302 56 08WP2 | 10 | 100 | 13,5 29,5 0,007 |
| 1/4 | 3/8 | 6302 56 60WP2 | 10 | 100 | 16 33 0,006 |
| 5/16 | 3/8 | 6302 08 60WP2 | 10 | 100 | 16 34 0,007 |
| 3/8 | 1/2 | 6302 60 62WP2 | 10 | 100 | 22 46,5 0,018 |

6304 Union Tee



| ØD | P2 Qty | Option P3 Qty | G mm | H mm | L/2 mm | |
|---------|---------------|---------------------|---------|---------|-----------|-------------|
| 5/32 | 6304 04 00WP2 | 10 | 100 | 8,5 | 20 | 15,5 0,004 |
| 1/4 | 6304 56 00WP2 | 10 | 100 | 11 | 24 | 18 0,002 |
| 5/16 | 6304 08 00WP2 | 10 | 100 | 13,5 | 29 | 22,5 0,009 |
| 3/8 | 6304 60 00WP2 | 10 | 100 | 16 | 34 | 26 0,009 |
| 1/2 | 6304 62 00WP2 | 5 | 50 | 22 | 47 | 36 0,009 |
| ØD1 ØD2 | | | | | | |
| 3/8 | 1/4 | 6304 60 56WP2 | 10 | 100 | 16 | 34 26 0,026 |
| 1/2 | 3/8 | 6304 62 60WP2 | 5 | 50 | 22 | 47 36 0,009 |

6306 Union connector



| ØD | P2 Qty | Option P3 Qty | G mm | L mm | |
|---------|---------------|---------------------|---------|---------|---------------|
| 5/32 | 6306 04 00WP2 | 10 | 100 | 8,5 | 26,5 0,002 |
| 1/4 | 6306 56 00WP2 | 10 | 100 | 11 | 30 0,001 |
| 5/16 | 6306 08 00WP2 | 10 | 100 | 13,5 | 37 0,007 |
| 3/8 | 6306 60 00WP2 | 10 | 100 | 16 | 42 0,005 |
| 1/2 | 6306 62 00WP2 | 5 | 50 | 22 | 57 0,016 |
| ØD1 ØD2 | | | | | |
| 1/4 | 5/16 | 6306 56 08WP2 | 10 | 100 | 13,5 37 0,007 |
| 1/4 | 3/8 | 6306 56 60WP2 | 10 | 100 | 16 41 0,007 |
| 5/16 | 3/8 | 6306 08 60WP2 | 10 | 100 | 16 42 0,007 |
| 5/16 | 1/2 | 6306 08 62WP2 | 10 | 100 | 22 55 0,016 |
| 3/8 | 1/2 | 6306 60 62WP2 | 5 | 50 | 22 56 0,020 |

How to build part numbers : example **6305 56 10WP2**

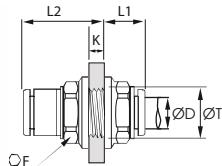
| | | | | |
|---|---|---|-----------------------------|---|
| 6305 | 56 | 10 | W | P2 |
| product range 63XX = with pre-coating | tube o.d. 56 : 1/4 | thread code 10 : 1/8 BSPT | colours W = White | packaging P2 = standard packaging |
| 65XX = without pre-coating | 56 : 1/4 04 : 5/32 08 : 5/16 60 : 3/8 62 : 1/2 | 10 : 1/8 BSPT 13 : 1/4 BSPT 17 : 3/8 BSPT 21 : 1/2 BSPT | G = Grey | P3 = bulk packaging |
| product type XX05 = Male connector | | | | |
| XX79 = Fixed elbow | | | | |



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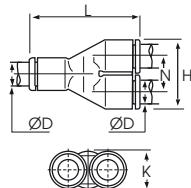
Fractional Inch Fittings Range

6316 Bulkhead union



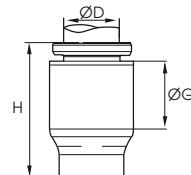
| ØD | P2 Qty | Option P3 Qty | F mm | Kmax mm | L1 mm | L2 mm | Tmin mm | Weight kg |
|------|---------------|---------------------|---------|------------|----------|----------|------------|--------------|
| 5/32 | 6316 04 00WP2 | 10 | 100 | 13 | 5,5 | 10,5 | 15,5 | 0,018 |
| 1/4 | 6316 56 00WP2 | 10 | 100 | 15 | 8,5 | 10 | 20 | 0,004 |
| 5/16 | 6316 08 00WP2 | 10 | 100 | 18 | 14,5 | 10,5 | 27 | 0,037 |
| 3/8 | 6316 60 00WP2 | 10 | 100 | 22 | 14,5 | 12,5 | 29,5 | 0,013 |
| 1/2 | 6316 62 00WP2 | 5 | 50 | 29 | 20,5 | 17 | 40,5 | 0,033 |

6340 Two-way divider



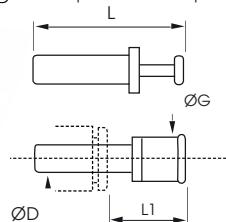
| ØD | P2 Qty | Option P3 Qty | H mm | K mm | L mm | N mm | Weight kg | |
|------|---------------|---------------------|---------|---------|---------|---------|--------------|-------|
| 5/32 | 6340 04 00WP2 | 10 | 100 | 17,5 | 8,5 | 30 | 9 | 0,004 |
| 1/4 | 6340 56 00WP2 | 10 | 100 | 22 | 11 | 36 | 11,5 | 0,003 |
| 5/16 | 6340 08 00WP2 | 10 | 100 | 28 | 13,5 | 44,5 | 14,5 | 0,013 |
| 3/8 | 6340 60 00WP2 | 10 | 100 | 33 | 16 | 53 | 17 | 0,010 |
| 1/2 | 6340 62 00WP2 | 5 | 50 | 45 | 22 | 67 | 23 | 0,028 |

6351 Tube cap



| ØD | P2 Qty | Option P3 Qty | G mm | H mm | Weight kg | |
|------|---------------|---------------------|---------|---------|--------------|-------|
| 5/32 | 6351 04 00WP2 | 10 | 100 | 8,5 | 15 | 0,001 |
| 1/4 | 6351 56 00WP2 | 10 | 100 | 11 | 16 | 0,001 |
| 5/16 | 6351 08 00WP2 | 10 | 100 | 13,5 | 21,5 | 0,003 |
| 3/8 | 6351 60 00WP2 | 10 | 100 | 16 | 22,5 | 0,003 |

6326 Plug with plastic tailpiece



| ØD | P2 Qty | Option P3 Qty | G mm | L mm | L1 mm | Weight kg | |
|------|---------------|---------------------|---------|---------|----------|--------------|-------|
| 5/32 | 6326 04 00WP2 | 10 | 150 | 6 | 30 | 15,5 | 0,001 |
| 1/4 | 6326 56 00WP2 | 10 | 150 | 8 | 36,5 | 22 | 0,001 |
| 5/16 | 6326 08 00WP2 | 10 | 150 | 10 | 35 | 17,5 | 0,002 |
| 3/8 | 6326 60 00WP2 | 10 | 150 | 11,6 | 42,5 | 22 | 0,002 |
| 1/2 | 6326 62 00WP2 | 5 | 50 | 14,7 | 48,5 | 21,5 | 0,004 |

All plastic nuts are fitted with an integrated O-ring to optimize sealing to a bulkhead wall.

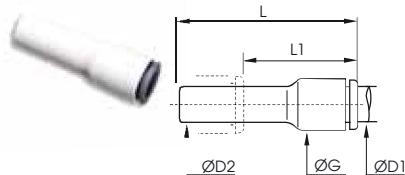




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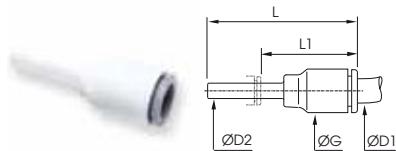
Fractional Inch Fittings Range

6366 Reducer with plastic tailpiece



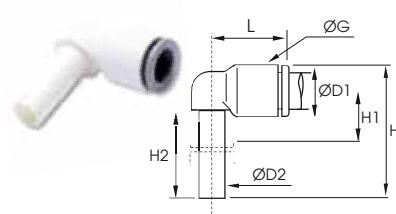
| tube | stem | P2 | Option | G | L | L1 | |
|------|------|---------------|--------|-----|------|------|------------|
| ØD1 | ØD2 | Qty | P3 | mm | mm | mm | kg |
| 1/4 | 5/16 | 6366 56 08WP2 | 10 | 100 | 11 | 41 | 22,5 0,001 |
| 1/4 | 3/8 | 6366 56 60WP2 | 10 | 100 | 11 | 41 | 20,5 0,002 |
| 5/16 | 3/8 | 6366 08 60WP2 | 10 | 100 | 13,5 | 48,5 | 29 0,004 |
| 5/16 | 1/2 | 6366 08 62WP2 | 10 | 100 | 16 | 48,5 | 22 0,004 |
| 3/8 | 1/2 | 6366 60 62WP2 | 5 | 50 | 16 | 51 | 30 0,004 |

6368 Increase with plastic tailpiece



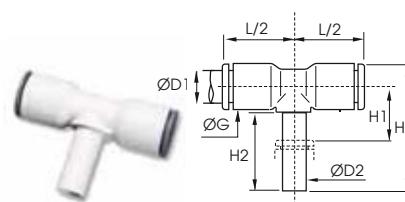
| tube | stem | P2 | Option | G | L | L1 | |
|------|------|---------------|--------|-----|----|----|------------|
| ØD1 | ØD2 | Qty | P3 | mm | mm | mm | kg |
| 3/8 | 5/16 | 6368 60 08WP2 | 10 | 100 | 16 | 44 | 25,5 0,004 |

6382 Plug-in elbow with plastic tailpiece



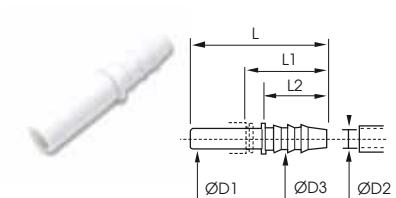
| tube | stem | P2 | Option | G | H | H1 | H2 | L | |
|------|------|---------------|--------|-----|------|------|------|------|------------|
| ØD1 | ØD2 | Qty | P3 | mm | mm | mm | mm | mm | kg |
| 5/32 | 5/32 | 6382 04 00WP2 | 10 | 100 | 8,5 | 23 | 6 | 15,5 | 15 0,003 |
| 1/4 | 1/4 | 6382 56 00WP2 | 10 | 100 | 11 | 30,5 | 10,9 | 18 | 18 0,002 |
| 5/16 | 5/16 | 6382 08 00WP2 | 10 | 100 | 13,5 | 33,5 | 8 | 21,5 | 22,5 0,004 |
| 3/8 | 3/8 | 6382 60 00WP2 | 10 | 100 | 16 | 39 | 9 | 24,5 | 26,5 0,004 |
| 1/2 | 1/2 | 6382 62 00WP2 | 5 | 50 | 22 | 49 | 13 | 28,5 | 36 0,011 |
| 1/4 | 3/8 | 6382 56 60WP2 | 10 | 100 | 16 | 39 | 9 | 24,5 | 25,5 0,004 |

6388 Plug-in branch tee with plastic tailpiece



| tube | stem | P2 | Option | G | H | H1 | H2 | L/2 | |
|------|------|---------------|--------|-----|------|------|------|------|----------|
| ØD1 | ØD2 | Qty | P3 | mm | mm | mm | mm | mm | kg |
| 1/4 | 1/4 | 6388 56 00WP2 | 10 | 100 | 11 | 30,5 | 11 | 20 | 18 0,002 |
| 5/16 | 5/16 | 6388 08 00WP2 | 10 | 100 | 13,5 | 33,5 | 8 | 21,5 | 23 0,008 |
| 3/8 | 3/8 | 6388 60 00WP2 | 10 | 100 | 16 | 42 | 12 | 25 | 25 0,008 |
| 1/2 | 1/2 | 6388 62 00WP2 | 5 | 50 | 22 | 51 | 12,9 | 29 | 32 0,020 |

6322 Tube-to-hose stem with plastic tailpiece

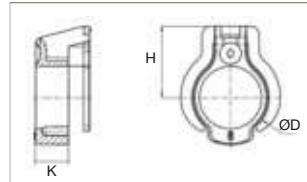


| ØD1 | ØD2 | ØD3 | inch | P2 | Option | L | L1 | L2 | |
|-----|------|------|---------------|-----|--------|------|------|----|-------|
| | | | | Qty | P3 | mm | mm | mm | kg |
| 1/4 | 0,28 | 0,32 | 6322 56 56WP2 | 10 | 150 | 39,6 | 22,3 | 17 | 0,001 |
| 3/8 | 0,28 | 0,32 | 6322 60 56WP2 | 10 | 150 | 44,9 | 24,3 | 17 | 0,001 |
| 3/8 | 0,33 | 0,38 | 6322 60 08WP2 | 10 | 150 | 50 | 29,4 | 22 | 0,001 |
| 3/8 | 0,40 | 0,45 | 6322 60 60WP2 | 10 | 150 | 49,8 | 29,2 | 22 | 0,002 |
| 1/2 | 0,40 | 0,45 | 6322 62 60WP2 | 10 | 150 | 58,1 | 37,5 | 30 | 0,004 |





Accessories



LIQUIfit™

> Assembly of the Tamper-Evident Safety Clip



Secure your connections

Assemble the clip
Connect the tube



Cut the clip with pliers
Remove the clip
Release the tube

3130 Tamper-Evident Safety Clip for Metric Tubes

| ØD | | | | | | | H mm | K mm | Qty | |
|----|------------|------------|------------|------------|------------|------------|-------|------|-----|-------|
| 6 | 3130 06 01 | 3130 06 02 | 3130 06 03 | 3130 06 04 | 3130 06 05 | 3130 06 10 | 7,85 | 3,15 | 100 | 0,142 |
| 8 | 3130 08 01 | 3130 08 02 | 3130 08 03 | 3130 08 04 | 3130 08 05 | 3130 08 10 | 9,50 | 4,35 | 100 | 0,260 |
| 10 | 3130 10 01 | 3130 10 02 | 3130 10 03 | 3130 10 04 | 3130 10 05 | 3130 10 10 | 10,80 | 4,25 | 100 | 0,343 |
| 12 | 3130 12 01 | 3130 12 02 | 3130 12 03 | 3130 12 04 | 3130 12 05 | 3130 12 10 | 12,50 | 5,10 | 100 | 0,486 |

not compatible with non-return valves and ball valves

3130 Tamper-Evident Safety Clip for Inch Tubes

| ØD | | | | | | | H mm | K mm | Qty | |
|------|------------|------------|------------|------------|------------|------------|-------|------|-----|-------|
| 1/4 | 3130 56 01 | 3130 56 02 | 3130 56 03 | 3130 56 04 | 3130 56 05 | 3130 56 10 | 8,05 | 3,25 | 100 | 1,166 |
| 5/16 | 3130 08 01 | 3130 08 02 | 3130 08 03 | 3130 08 04 | 3130 08 05 | 3130 08 10 | 9,50 | 4,35 | 100 | 0,260 |
| 3/8 | 3130 60 01 | 3130 60 02 | 3130 60 03 | 3130 60 04 | 3130 60 05 | 3130 60 10 | 10,80 | 4,25 | 100 | 0,343 |
| 1/2 | 3130 62 01 | 3130 62 02 | 3130 62 03 | 3130 62 04 | 3130 62 05 | 3130 62 10 | 14,05 | 5,75 | 100 | 0,912 |

not compatible with non-return valves and ball valves

3110 Caps for colour-coding circuits for Metric tubes



| ØD | | | | | | Qty | |
|----|------------|------------|------------|------------|------------|-----|-------|
| 4 | 3110 04 00 | 3110 04 02 | 3110 04 03 | 3110 04 04 | 3110 04 05 | 100 | 0,001 |
| 6 | 3110 06 00 | 3110 06 02 | 3110 06 03 | 3110 06 04 | 3110 06 05 | 100 | 0,001 |
| 8 | 3110 08 00 | 3110 08 02 | 3110 08 03 | 3110 08 04 | 3110 08 05 | 100 | 0,001 |
| 10 | 3110 10 00 | 3110 10 02 | 3110 10 03 | 3110 10 04 | 3110 10 05 | 100 | 0,001 |
| 12 | 3110 12 00 | 3110 12 02 | 3110 12 03 | 3110 12 04 | 3110 12 05 | 100 | 0,001 |

3110 Caps for colour-coding circuits for Inch tubes

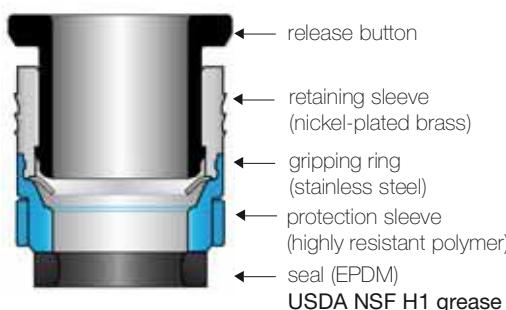


| ØD | | | | | | Qty | |
|------|------------|------------|------------|------------|------------|-----|-------|
| 5/32 | 3110 04 00 | 3110 04 02 | 3110 04 03 | 3110 04 04 | 3110 04 05 | 100 | 0,001 |
| 1/4 | 3110 56 00 | 3110 56 02 | 3110 56 03 | 3110 56 04 | 3110 56 05 | 100 | 0,001 |
| 5/16 | 3110 08 00 | 3110 08 02 | 3110 08 03 | 3110 08 04 | 3110 08 05 | 100 | 0,001 |
| 3/8 | 3110 60 00 | 3110 60 02 | 3110 60 03 | 3110 60 04 | 3110 60 05 | 100 | 0,001 |
| 1/2 | 3110 62 00 | 3110 62 02 | 3110 62 03 | 3110 62 04 | 3110 62 05 | 100 | 0,001 |



Carstick® Cartridges

• Working specifications

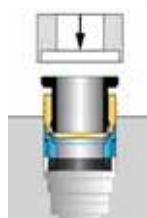


Specifications

| | |
|---------------------|--------------------------------|
| suitable fluids | water, beverages, food, CO2... |
| working pressure | from 1bar to 16 bar maximum |
| working temperature | -10°C to +95°C |

Cartridge is designed for use with Advanced PE tubing.

Force required for insertion (F)



| Maximum Insertion Force | | | | | |
|-------------------------|---------|---------|---------|-----|-----|
| Ø mm | 4 | 6 | 8 | 10 | 12 |
| Ø inch | 5/32 | 1/4 | 5/16 | 3/8 | 1/2 |
| F | 300 daN | 300 daN | 400 daN | | |

Cavity Material:
Nylon - PP - PE -Aluminum - Brass
Consult Parker-Legris technical department for other materials

Automatic assembly process



All the materials in contact with the fluid comply with the following certifications:



NSF 51



- C HOT -

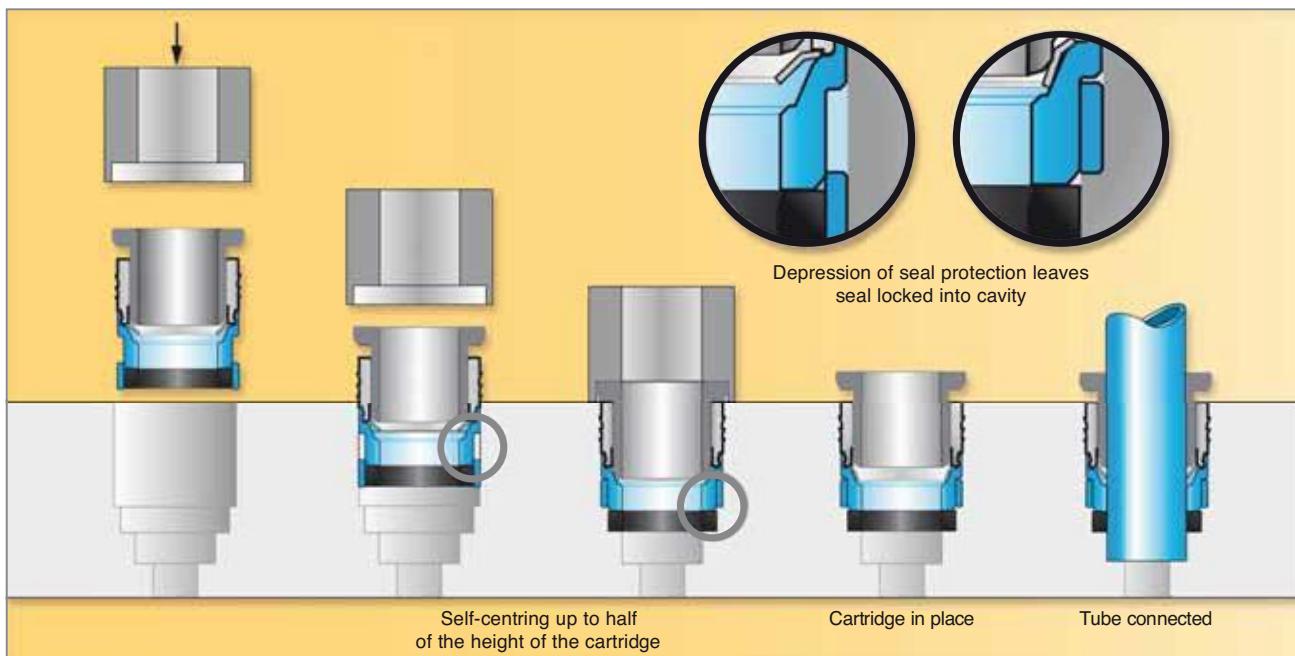




LIQUIfit™

Carstick® : Assembly

Assembly tool



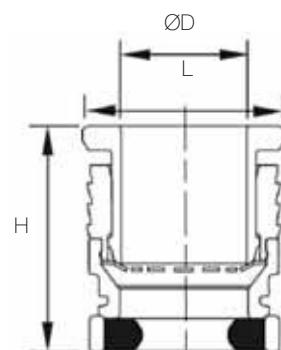
• Cartridge

| | ØD Metric | ØL mm | H mm | |
|------------|--------------|----------|---------|-------|
| 6300 04 00 | 4 | 8 | 9,9 | 0,002 |
| 6300 06 00 | 6 | 9,9 | 11,5 | 0,002 |
| 6300 08 00 | 8 | 13 | 14,7 | 0,003 |
| 6300 10 00 | 10 | 15,5 | 16,8 | 0,005 |
| 6300 12 00 | 12 | 19 | 19,4 | 0,01 |

| | ØD Inch | ØL mm | H mm | |
|------------|------------|----------|---------|-------|
| 6300 04 00 | 5/32 | 8 | 9,9 | 0,002 |
| 6300 06 00 | 1/4 | 10,4 | 12,2 | 0,002 |
| 6300 08 00 | 5/16 | 13 | 14,7 | 0,003 |
| 6300 10 00 | 3/8 | 15,5 | 16,5 | 0,005 |
| 6300 12 00 | 1/2 | 21,6 | 22,8 | 0,01 |

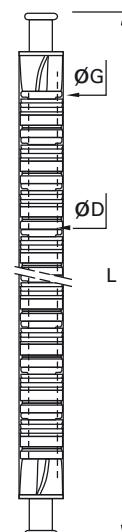
6300 Carstick®

| ØD Metric | G | L | Qty |
|--------------|-------|------|-----|
| 4 | 10,3 | 554 | 50 |
| 6 | 14,5 | 629 | 50 |
| 8 | 15,25 | 794 | 50 |
| 10 | 19,5 | 930 | 50 |
| 12 | 21,3 | 1038 | 50 |



6300 Carstick®

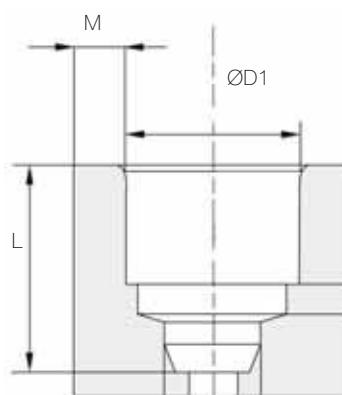
| ØD Inch | G | L | Qty |
|------------|-------|------|-----|
| 5/32 | 10,3 | 554 | 50 |
| 1/4 | 14,5 | 600 | 50 |
| 5/16 | 15,25 | 794 | 50 |
| 3/8 | 19 | 930 | 50 |
| 1/2 | 21,3 | 1038 | 50 |



• Cavity dimensions

| mm | inch | ØD1 mm | M mm | L mm |
|----|------|-----------|---------|---------|
| 4 | 5/32 | 8,25 | 1,5 | 10 |
| 6 | 1/4 | 10,6 | 2 | 12 |
| 8 | 5/16 | 12,15 | 2 | 15,5 |
| 10 | 3/8 | 14,8 | 2 | 19 |
| 12 | 1/2 | 17,5 | 2,5 | 22 |

Please contact us for detailed drawings of cavity dimensions and tolerances.





LIQUIfit™

Acetal Non-Return Valves and Ball Valves

• Working pressure and temperature

| | | | |
|--|------------------|------------------|----------------|
| Suitable fluids | water, beverages | | |
| Working pressure N.R.V. valves ball valves | 10 bar 10 bar | 10 bar 10 bar | 4 bar 7 bar |
| Working Temperature | 1°C | 20°C | 65°C |



• Features of non-return valves and ball valves

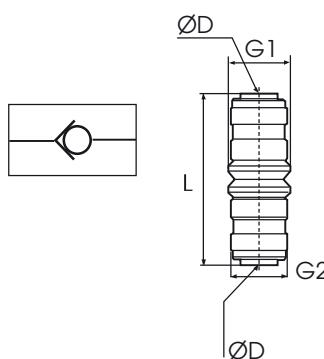
- Can be used with a variety of chemicals and gases
- Refer to chemical compatibility chart on page 28
- Body Color: White (Acetal)
Seals: Food-grade Nitrile



- D HOT -



7992 Single non-return valve



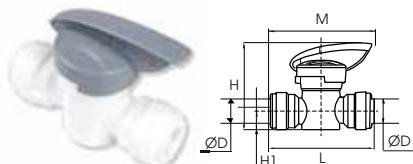
| ØD | P2 Qty | Option P3 Qty | G1 mm | G2 mm | L mm | Scale |
|-----|---------------|---------------------|----------|----------|---------|-----------------|
| 1/4 | 7992 56 00WP2 | 5 | 50 | | 16,7 | 15,2 40,6 0,009 |
| 3/8 | 7992 60 00WP2 | 5 | 50 | | 19,8 | 17,8 52,8 0,007 |



LIQUIfit™

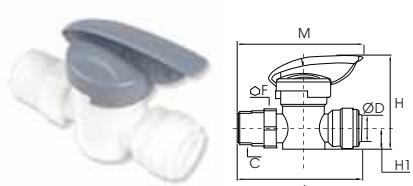
Ball Valves

4020 In-line ball valve - tube-to-tube



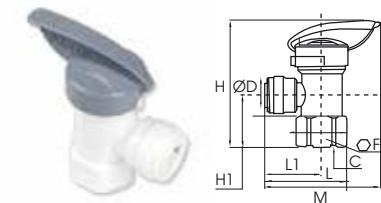
| ØD | C | P2 Qty | Option P3 Qty | H mm | H1 mm | L mm | M mm | kg |
|-----|---------------|-----------|---------------------|---------|----------|---------|---------|------------|
| 1/4 | 4020 56 00WP2 | 5 | 50 | | 38,6 | 10,4 | 47,7 | 48,5 0,014 |
| 3/8 | 4020 60 00WP2 | 5 | 50 | | 46,7 | 10,4 | 58,1 | 59,1 0,027 |

4021 In-line ball valve - tube-to-male NPTF



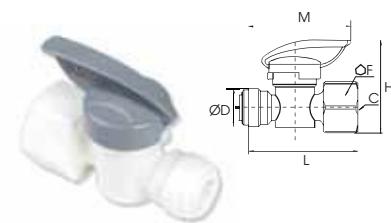
| ØD | C NPTF | P2 Qty | Option P3 Qty | F mm | H mm | H1 mm | L mm | M mm | kg |
|-----|-----------|---------------|---------------------|---------|---------|----------|---------|---------|-----------------|
| 1/4 | 1/4 | 4021 56 14WP2 | 5 | 50 | | 17,0 | 38,6 | 8,6 | 57,1 57,9 0,016 |
| 3/8 | 3/8 | 4021 60 18WP2 | 5 | 50 | | 19,0 | 46,7 | 10,4 | 62,4 63,2 0,028 |

4022 Tank ball valve - tube-to-female NPTF



| ØD | C NPTF | P2 Qty | Option P3 Qty | F mm | H mm | H1 mm | L mm | L1 mm | M mm | kg |
|-----|-----------|---------------|---------------------|---------|---------|----------|---------|----------|---------|-----------------|
| 1/4 | 1/4 | 4022 56 14WP2 | 5 | 50 | | 19,0 | 50,8 | 20,8 | 35,8 | 23,8 48,5 0,015 |
| 3/8 | 3/8 | 4022 60 18WP2 | 5 | 50 | | 22,8 | 59,1 | 22,8 | 41,9 | 29,2 59,0 0,022 |

4023 In-line ball valve - tube-to-female NPTF



| ØD | C NPTF | P2 Qty | Option P3 Qty | F mm | H mm | L mm | M mm | kg |
|-----|-----------|---------------|---------------------|---------|---------|---------|---------|-----------------|
| 3/8 | 1/2 | 4023 60 22WP2 | 5 | 50 | | 26,9 | 24,8 | 62,5 58,4 0,032 |



LIQUIfit™

Advanced Polyethylene Tubing

• Advantages



- Made from high-grade polyethylene, "Advanced PE" tubing ensures the best balance between flexibility and pressure/temperature resistance
- Resistant to a wide range of aggressive chemical agents
- Complies with international regulations and certifications for food and drinking water



- Available in nine colours and three diameters
- Tested according to the W270 regulation regarding micro-organism growth on materials used in the drinking water industry
- All colours are UV-stabilized, making it resistant to direct ultraviolet sunlight and ideal for outdoor applications
- Silicone-free

• Metric Specifications

Use Parker-Legris "Advanced PE" tubing with LIQUIfit™ instant fittings to ensure perfect sealing.

| OD (mm) | | Wall Thickness (mm) | | Max. Ovality (mm) | Min. Bend Radius@ + 20°C (mm) | Max. Working Pressure (bar) | | | | Safety Factor |
|---------|-----------|---------------------|-----------|-------------------|-------------------------------|-----------------------------|-------|-------|-------|---------------|
| D | Tolerance | e | Tolerance | | | -15°C to +20°C | +40°C | +65°C | +95°C | |
| 4 | ±0.10 | 0.75 | ±0.10 | ±0.2 | 16 | 16 | 12 | 10 | 4 | 3 |
| 6 | ±0.10 | 1.00 | ±0.10 | ±0.2 | 20 | 16 | 12 | 10 | 4 | 3 |
| 8 | ±0.10 | 1,125 | ±0.10 | ±0.25 | 30 | 13 | 12 | 7 | 4 | 3 |
| 10 | ±0.10 | 1.50 | ±0.10 | ±0.25 | 30 | 13 | 12 | 7 | 4 | 3 |
| 12 | ±0.10 | 1.50 | ±0.10 | ±0.3 | 55 | 11 | 9 | 7 | 4 | 3 |

• Inch Specifications

| OD (inch) | | Wall Thickness (inch) | | Max. Ovality (inch) | Min. Bend Radius@ + 20°C (inch) | Max. Working Pressure (bar) | | | | Safety Factor |
|-----------|-----------|-----------------------|-----------|---------------------|---------------------------------|-----------------------------|-------|-------|-------|---------------|
| D | Tolerance | e | Tolerance | | | -15°C to +20°C | +40°C | +65°C | +95°C | |
| 1/4 | ± 0.004 | 0,040 | ± 0.004 | ±0,008 | 1" | 16 | 12 | 10 | 4 | 3 |
| 3/8 | ± 0.004 | 0,062 | ± 0.004 | ±0,009 | 1,25" | 13 | 12 | 7 | 4 | 3 |
| 1/2 | ± 0.004 | 0,062 | ± 0.004 | ±0,01 | 2,5" | 11 | 9 | 7 | 4 | 3 |

The Advanced PE Tubing is in compliance with :



DI 2002/72/CE DI 2002/95/CE



NSF 51



NSF 42/58
This tubing is Tested and
Certified by NSF International against NSF/ANSI Standard
42/58 for materials and structural integrity requirements*



NSF 61
Certified to
NSF/ANSI 61
- C HOT -



ASSOCIATION OF
CERAMIC SUPPLIERS
ACS
APPROVED
PRODUCT



KTW and
W270

* NSF 42/58: 1/4" AND 3/8" approved for 10 bar and 1/2" approved for 8 bar at ambient temperature.



LIQUIfit™

Advanced Polyethylene Tubing: Colours/Diameters/Lengths

| Length ** | O.D. tube | I.D. tube | clear | * | green | red | blue | yellow | orange | purple | white | scale |
|----------------------|--------------|--------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|
| Tubing Inch | | | | | | | | | | | | |
| 1000 ft | 1/4" | 0,170" | 1099Y56F00 | 1099Y56F01 | 1099Y56F02 | 1099Y56F03 | 1099Y56F04 | 1099Y56F05 | 1099Y56F07 | 1099Y56F09 | 1099Y56F10 | 5,500 |
| 500 ft | 1/4" | 0,170" | 1098Y56F00 | 1098Y56F01 | 1098Y56F02 | 1098Y56F03 | 1098Y56F04 | 1098Y56F05 | 1098Y56F07 | 1098Y56F09 | 1098Y56F10 | 3,300 |
| 500 ft | 3/8" | 0,250" | 1098Y60F00 | 1098Y60F01 | 1098Y60F02 | 1098Y60F03 | 1098Y60F04 | 1098Y60F05 | 1098Y60F07 | 1098Y60F09 | 1098Y60F10 | 6,300 |
| 250 ft | 1/2" | 0,375" | 1096Y62F00 | 1096Y62F01 | 1096Y62F02 | 1096Y62F03 | 1096Y62F04 | 1096Y62F05 | 1096Y62F07 | 1096Y62F09 | 1096Y62F10 | 5,900 |
| Tubing Metric | | | | | | | | | | | | |
| 150 m | 4 mm | 2,5 mm | 1015Y04F00 | 1015Y04F01 | 1015Y04F02 | 1015Y04F03 | 1015Y04F04 | 1015Y04F05 | 1015Y04F07 | 1015Y04F09 | 1015Y04F10 | 1,76 |
| 300 m | 4 mm | 2,5 mm | 1030Y04F00 | 1030Y04F01 | 1030Y04F02 | 1030Y04F03 | 1030Y04F04 | 1030Y04F05 | 1030Y04F07 | 1030Y04F09 | 1030Y04F10 | 2,86 |
| 150 m | 6 mm | 4 mm | 1015Y06F00 | 1015Y06F01 | 1015Y06F02 | 1015Y06F03 | 1015Y06F04 | 1015Y06F05 | 1015Y06F07 | 1015Y06F09 | 1015Y06F10 | 2,58 |
| 300 m | 6 mm | 4 mm | 1030Y06F00 | 1030Y06F01 | 1030Y06F02 | 1030Y06F03 | 1030Y06F04 | 1030Y06F05 | 1030Y06F07 | 1030Y06F09 | 1030Y06F10 | 4,80 |
| 150 m | 8 mm | 5,7 mm | 1015Y08F00 | 1015Y08F01 | 1015Y08F02 | 1015Y08F03 | 1015Y08F04 | 1015Y08F05 | 1015Y08F07 | 1015Y08F09 | 1015Y08F10 | 4,05 |
| 150 m | 10 mm | 7 mm | 1015Y10F00 | 1015Y10F01 | 1015Y10F02 | 1015Y10F03 | 1015Y10F04 | 1015Y10F05 | 1015Y10F07 | 1015Y10F09 | 1015Y10F10 | 6,20 |
| 75 m | 12 mm | 9 mm | 1075Y12F00 | 1075Y12F01 | 1075Y12F02 | 1075Y12F03 | 1075Y12F04 | 1075Y12F05 | 1075Y12F07 | 1075Y12F09 | 1075Y12F10 | 5,55 |

* Black tubing is UV-resistant ** Only available on drum

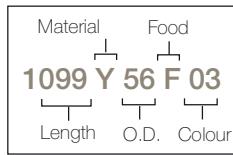
I.D.

O.D. = outer diameter
I.D. = inner diameter
e = wall thickness

• Tube Codes

Part numbers have been chosen using a mnemonic method. Each tube is identified by:

- Length
- Product material
- O.D.
- Food regulation approval
- Color



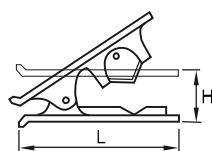
Code = length
96 = 250 feet = 76,2 m
98 = 500 feet = 152,4 m
99 = 1000 feet = 304,8 m
15 = 150 m
30 = 300 m
75 = 75 m

Material :
Y = polyethylene

Code = O.D.
56 = 1/4"
60 = 3/8"
62 = 1/2"
04 = 4 mm
06 = 6 mm
08 = 8 mm
10 = 10 mm
12 = 12 mm

• Accessories

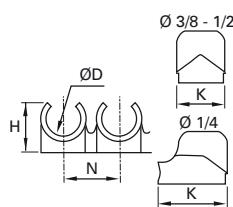
3000 71 00 Tube cutter



| | H mm | L mm | |
|------------|---------|---------|-------|
| 3000 71 00 | 25 | 79 | 0,029 |

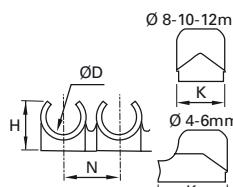
This tool will cut all resilient plastic tubes from 1/8" to 1/2" diameter. It is designed to give a clean cut at right angles to the tube axis. A spring maintains the cutter in the closed position.

Clip Clip strips for tubing and fittings Inch



| ØD | | H inch | K inch | N inch | Nb of clips per strip | |
|-----|------------|-----------|-----------|-----------|--------------------------|-------|
| 1/4 | CLIP 06 00 | 0,41 | 0,51 | 0,41 | 8 | 0,009 |
| 3/8 | CLIP 10 00 | 0,55 | 0,47 | 0,59 | 6 | 0,009 |
| 1/2 | CLIP 12 00 | 0,65 | 0,55 | 0,65 | 5 | 0,010 |

Clip strips for tubing and fittings Metric



| ØD | | H mm | K mm | N mm | Nb of clips per strip | |
|----|------------|---------|---------|---------|--------------------------|-------|
| 4 | CLIP 04 00 | 9 | 13,5 | 10,5 | 8 | 0,008 |
| 6 | CLIP 06 00 | 10,5 | 13 | 10,5 | 8 | 0,009 |
| 8 | CLIP 08 00 | 12,5 | 10,5 | 12 | 7 | 0,010 |
| 10 | CLIP 10 00 | 14 | 12 | 15 | 6 | 0,009 |
| 12 | CLIP 12 00 | 16,5 | 14 | 16,5 | 5 | 0,010 |

- Parker-Legris clips can be used to mount both tubing and fittings
- To order clips for mounting a fitting, order by the "O.D. body size"
- 1/4" fittings can be mounted in the CLIP 10 000
- The clips come complete with 9,5mm long mounting screws

connectic 29



Complementary Products

LIQUIfit™

- LF 3600, nickel-plated brass, for liquids and gases



- excellent resistance to abrasion and corrosion due to high phosphorus chemical nickel-plating of individual brass components
- working temperature from -20° to +150°C
- full flow fluid passage
- automatic sealing of BSPT / BSPP versions via an integrated FKM seal in the sub-base
- materials for body, ring, gripping collet and sub-base : high phosphorus FDA chemical nickel-plated brass; seals : FKM fluoroelastomer authorized by FDA standards
- pressure: 90% vacuum to 30 bar

- LF 3900 / LF 3800, stainless steel for aggressive fluids



- resistance to aggressive environments and fluids thanks to 100% stainless steel: 316L stainless steel body, 316L stainless steel washer, 303L stainless steel collet (LF 3800) / 316L stainless steel collet (LF 3900) and FKM 'O' ring seal
- full bore with no pressure drop
- working temperature from -20° to +120°C depending on the type and size of the tubing
- working pressure : maximum 30 bar depending on tubing used

- Stainless steel accessories



- low to medium pressure
- working pressure : 60 bar maximum
- working temperature : -20° to +180°C
- a large range of plugs
- designed to enable rapid connections of threaded ports to tubing or hose in corrosive environments

- Stainless steel ball valves



- working temperature : -20° to +150°C
- pressure up to maxi 140 bar
- fixing holes for mounting assembly
- variety of mounting options
- wide range of handle options

- Polyurethane, fluoropolymer tubing and braided PVC hose (FDA-approved)



- When a small bend radius is required for your application, **Polyurethane crystal tubing** is the answer. This tubing resists abrasion and is made of polyether (resistant to humidity and suitable for food contact).
- **FDA-approved FEP fluoropolymer tube** provides excellent resistance to aggressive washdown environments and high temperatures, up to 150°C
- **Food-quality braided PVC hose** is translucent to enable visual confirmation of fluid flow

- Polyamide tubing

- **Polyamide Tubing** provides good chemical resistance and is recommended for applications which may require higher pressure

You will find the entire Legris offer in our general catalog and at www.legris.com or www.parkerconnectic.com.





LIQUIfit™

Special Product Capability



Legris has substantial experience in the design and manufacturing of special fittings and assemblies for fluid control :

- whether developed from standard products
- or developed hand-in-hand with our customers

Our aim is to design, develop and put into series production products or assemblies that are profitable for our customers thanks to :

- competitive pricing
- technical excellence
- compact size, etc.

Standard Premium Packaging



- Opening indicator
- Hole to hang the bag up
- Zipper to close tightly
- Labels with product data
- Product visualisation
- On the back: technical information and instructions for use



The FSCE packaging proposal for the tubing is "three-in-one"

- Compact
- Protection against dust thanks to the plastic film and the end cap
- Easy to stock and easily identifiable.

LIQUIfit™ Website

- Visit our new website www.liquifit.net