

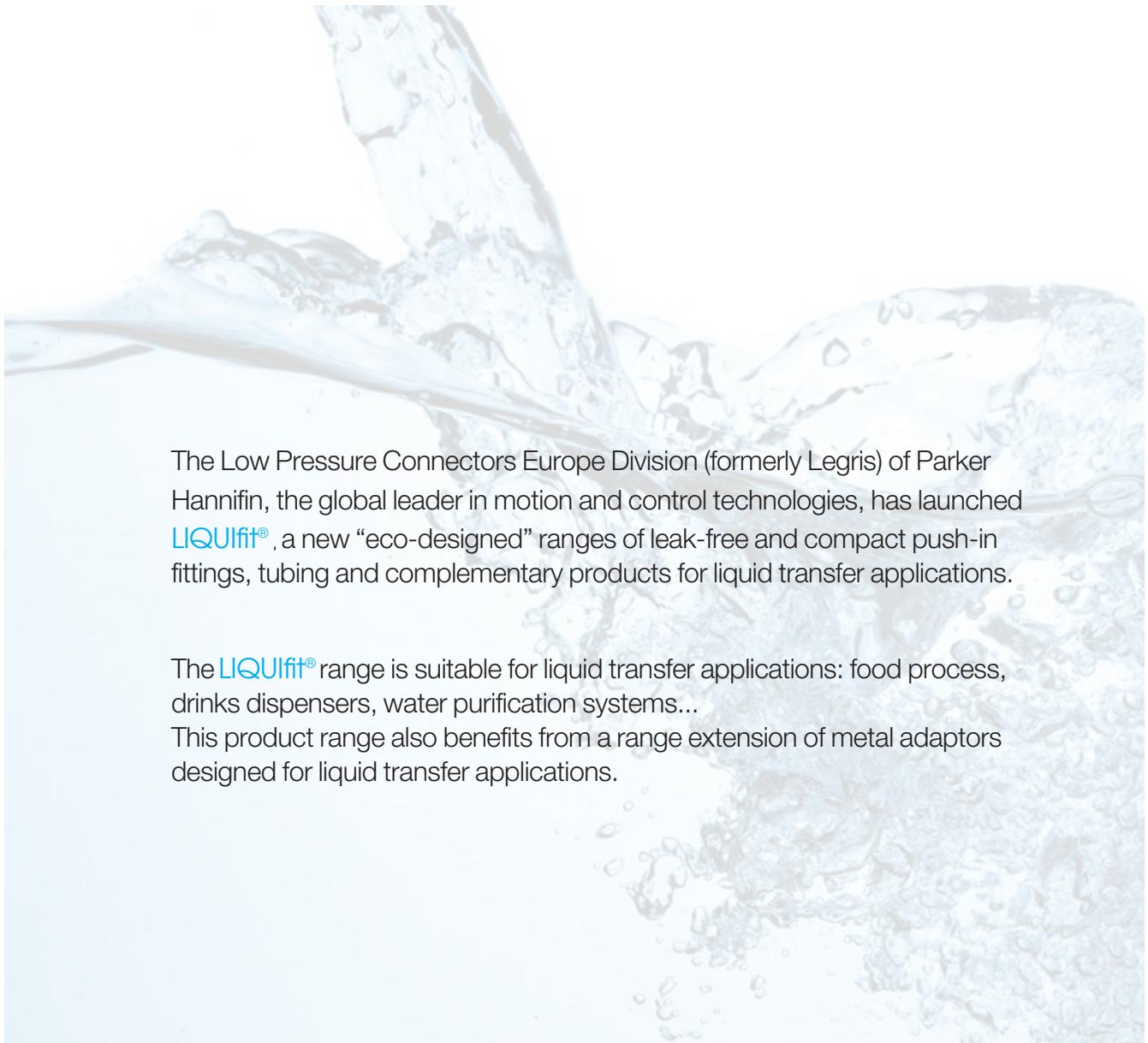


Parker Legris :

LIQUIfit®, Connection Solutions for Beverage & Fluids



ENGINEERING YOUR SUCCESS.

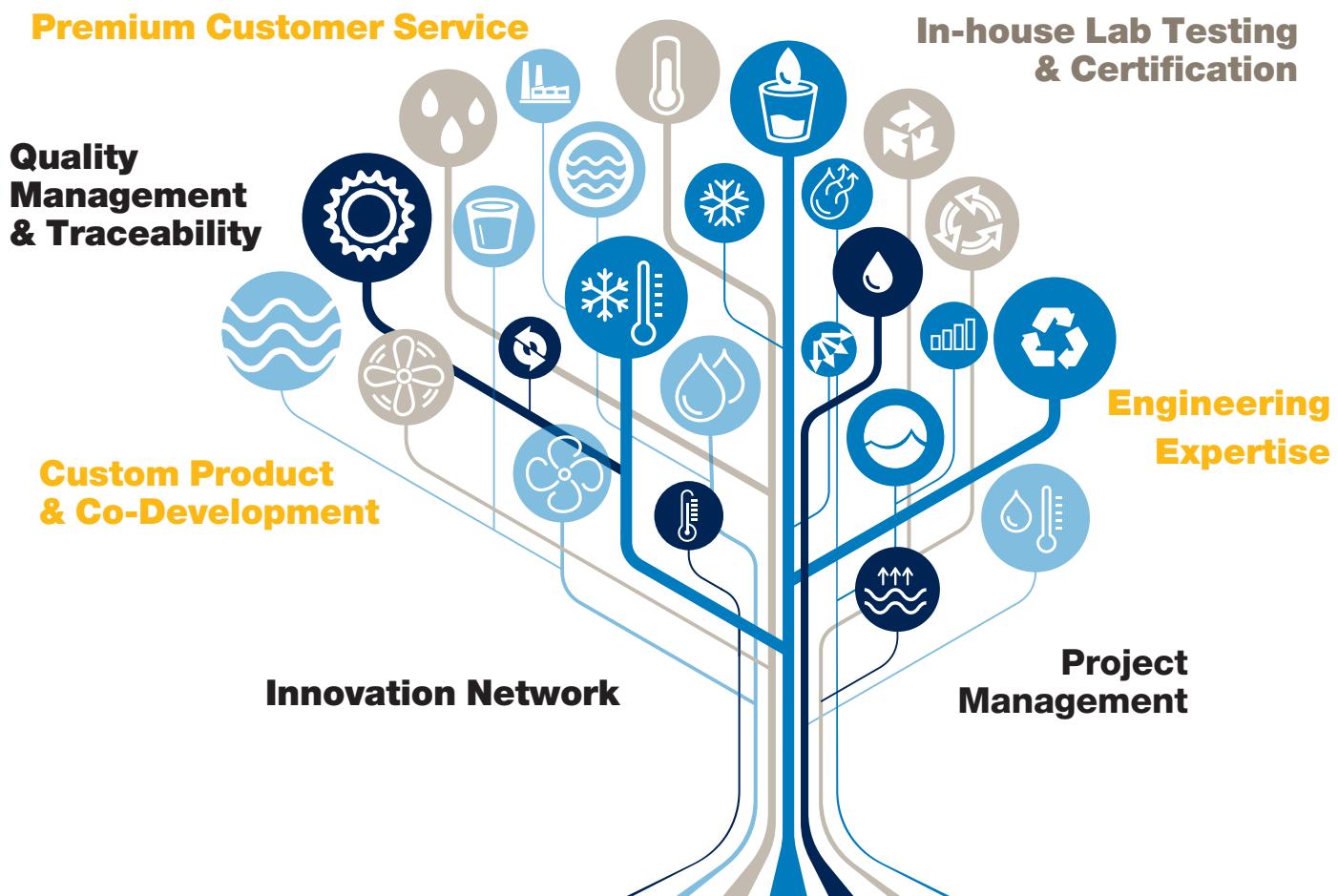


The Low Pressure Connectors Europe Division (formerly Legris) of Parker Hannifin, the global leader in motion and control technologies, has launched **LIQUIfit®**, a new “eco-designed” ranges of leak-free and compact push-in fittings, tubing and complementary products for liquid transfer applications.

The **LIQUIfit®** range is suitable for liquid transfer applications: food process, drinks dispensers, water purification systems...

This product range also benefits from a range extension of metal adaptors designed for liquid transfer applications.





Parker Legris

Provider of Innovative Fluid Handling
Solutions for Conveying Beverages and
Fluids

Inventor of push-to-connect technology, we constantly strive to design, manufacture and customise easy-to-assemble innovative fluid handling solutions distributed anywhere across the globe.

Our Expertise

- In-house lab testing
- Quality management & traceability:
ISO 9001 and IATF 16949
- 100% leak tested
- Solution provider

Food Liquids Applications

Water Treatment

Residential Treatment

Filters
Reverse Osmosis (RO)
Softeners
UV Treatment



Industrial Treatment

Filtration Module
Industrial Softeners-
Desalination



Food & Beverage

Food Processing

Food Splash Areas



Beverage Transfer

Professional and Domestic Coffee Machines
Vending Machines
Brewery System
Hot and Cold Drink Dispensers



Drinking Water

Water Dispensers
Water Coolers



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Directives and Regulations: the Parker Legris Offer

Parker Legris complies with the directives and regulations listed below and goes beyond its statutory obligations for the ranges in question.



European RoHS directives: 2011/65/EC

Relating to the limitation of the use of 6 hazardous substances in electrical and electronic equipment (mercury, lead, cadmium, hexavalent chromium, PBB and PBDE).



REACH regulation: no. 1907/2006

As product manufacturer, we are subject to article 33 of the regulation which defines a duty to inform when a candidate substance is present at more than 0.1% weight for weight.



Pressurised equipment directive: 97/23/EC

This directive regulates the design, manufacture and assessment of pressurised equipment to ensure operating safety.



ATEX directive: 94/9/EC mandatory since 01/07/2003

This directive is mandatory for electrical and non-electrical equipment used in explosive gaseous or dusty atmospheres. The use of our products in these areas must be determined in accordance with the ATEX environment.



Regulation 1935/2004

This framework regulation relates to materials and objects designed to come into contact with foodstuffs. It describes specific measures per product group (Art. 5).



CFR 21: Code of Federal Regulation

Title 21: Food and Drugs

This code consists of lists of prohibited substances for materials intended to come into contact with foodstuffs.



NSF 51: NSF / ANSI-51

Fittings and tubes complying with this standard are tested and approved by NSF for contact with drinks and foodstuffs.



NSF 61: NSF / ANSI-61

Fittings and tubes complying with this standard are tested and approved by NSF for contact with drinking water.



NSF 42 and 58: NSF/ANSI-42/58

Tubes complying with this standard are tested and approved by NSF for drinking water treatment systems.



ACS: Attestation de Conformité Sanitaire (France)

Official approval issued by the Direction générale de la Santé Française (French Health Directorate), applies to constituent materials of equipment in contact with water intended for human consumption.

KTW

New Certificates

W270



KTW: Kunststoffe und Trinkwasser (Germany)
Guidelines for the health evaluation of equipment in contact with drinking water, assessment and certification carried out by the TZW.

W270: Food contact standard (Germany)

Standard describing a test method for determining the microbial growth on non-metal materials designed to come into contact with drinking water. Test and certification carried out by the TZW.



WRAS: Water Regulations Advisory Scheme (UK)

Fittings approved by this programme are declared compliant for water supply by WRc - NSF.

DM 174: Ministerial decree (Italy)

Declaration of hygiene compliance for equipment used for drinking water, tested and certified by the TIFQ.

The Parker Legris product range offers compliance with numerous European standards associated in particular with the directives and regulations referred to above. The official texts of these directives are available on the site: <http://eur-lex.europa.eu>.

Certificates and Regulations

Certificates of conformity for our products are available on our web site.
Contact us for any further information you require.



Together, We Can Build Sustainable Development

Parker Legris, **ISO 14001 certified**, has made the conservation of resources and protection of the environment a major priority. We have incorporated improved environmental management as a permanent feature in the vision and mission of the company, aiming to benefit nature, technology and mankind.



Protecting natural resources

By saving energy through the performance of our production facilities.

Improving performance

By changing habits in order to promote new materials and concepts.

Asserting our values for the protection of the environment

By having all our sites **ISO 14001** certified in order to unify all our employees around clear objectives regarding the management of the environment.

Our actions are coupled with your environmental process

Reducing the impact on industrial sites

Parker Legris has integrated environmental protection management into the operation of its industrial sites. This approach has enabled 85% of waste to be recovered and has reduced energy consumption by 15%.

Offering ecologically responsible products

Under its continuous improvement process, Parker Legris has integrated ecological design as an input parameter to innovation and uses Life Cycle Assessment (LCA) to optimise the environmental impact of its products.

Providing information on the PEP (Product Environmental Profile)

This communication tool is common to all industries and professions and delivers a reliable and clear message for promoting ecological advances and incorporating this data within the LCA equipment.

Getting ahead of regulations

Parker Legris goes beyond its statutory obligations and endeavours to find a good match between choice of materials, limitation of hazardous substances, selection of recycling channels and industrial performance to encourage the recycling of products at end of life.

Using our technology reduces the environmental impact

LIQUIfit®

Tube-to-Tube Connector



Market Standard

Tube-to-Tube Connector

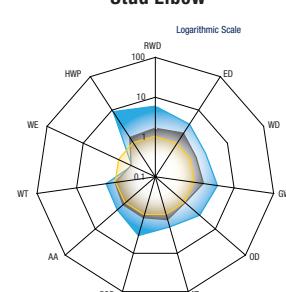


Parker Legris

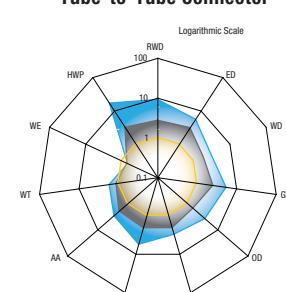
Market Standard in PP

Market Standard in POM

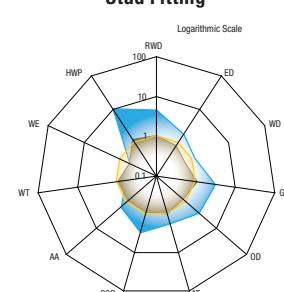
Stud Elbow



Tube-to-Tube Connector



Stud Fitting



RWD: Raw Material Depletion

ED: Energy Depletion

WD: Water Depletion

GW: Global Warming

OZ: Ozone Depletion

AT: Air Toxicity

POC: Photochemical Ozone Creation

AA: Air Acidification

WT: Water Toxicity

WE: Water Eutrophication

HWP: Hazardous Waste Production



Part Number Identification

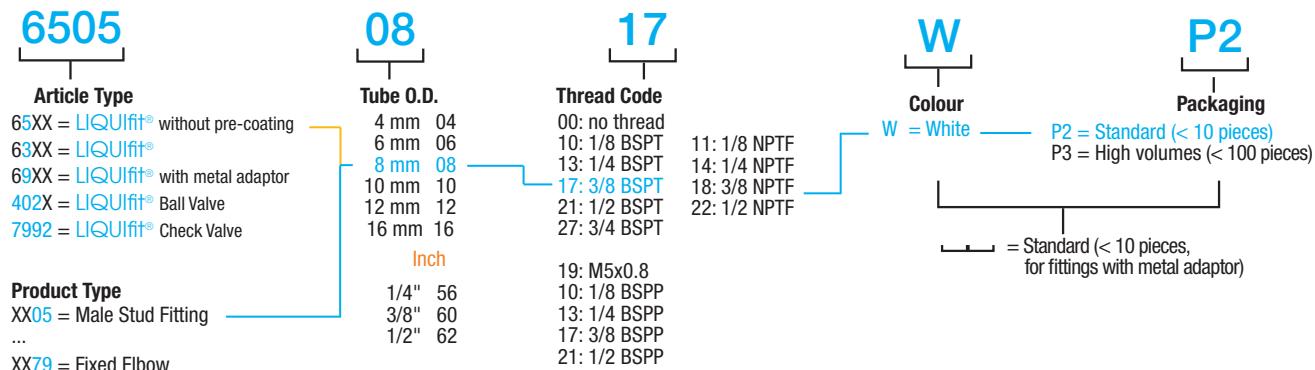
The part numbers used for our product ranges are coded in such a way as to make it easy to identify any particular item.

Part Number Construction for Fittings and Valves

The part numbers are selected using a technical mnemonic code.

Each fitting and valve is identified by:

- model series (4 digits)
- nominal diameter (2 digits)
- thread or 2nd nominal diameter (2 digits)
- a suffix, if applicable

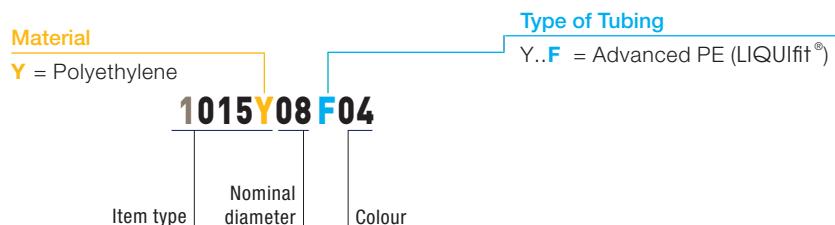


Part Number Construction for Tubing

The part numbers are selected using a technical mnemonic code.

Each tube is identified by:

- model series (4 digits and a letter)
- nominal diameter (2 digits)
- colour (2 digits)
- inside diameter, if applicable



Nominal diameter code: equates to the outside diameter.

Colour code: see table below.

00 = (clear) 01 = 02 = 03 = 04 = 05 = 10 = (white)

Thread Identification

BSP Thread	Code
1/8"	10
1/4"	13
3/8"	17
1/2"	21
5/8"	23
3/4"	27

NPTF Thread	Code
1/8"	11
1/4"	14
3/8"	18
1/2"	22

Metric Thread	Code	UNS Thread	Code
M5x0.8	19	7/16-24	133

Product Ranges for Fluids and Beverages

Push-In Fittings

LIQUIfit® Push-In Fittings

(P. 12)



Fluids: water, beverages, coolants, inert gases

Materials: biopolymer, EPDM

Pressure: 16 bar

Temperature: -10°C to +95°C

Ø metric: 4 mm to 12 mm

Ø inch: 5/32" to 1/2"

Regulations: KTW, W270, FDA, NSF

LIQUIfit® Push-In Fittings with Metal Adaptors

(P. 28)



Fluids:

Stainless steel 316L threads: water, beverages, industrial fluids

Nickel-plated brass threads: industrial fluids

Materials: biopolymer, EPDM, stainless steel 316L or FDA chemical nickel-plated brass

Pressure: 16 bar

Temperature: -10°C to +95°C

Ø metric: 4 mm to 12 mm

Regulations: KTW, W270, FDA

Tubing

Advanced PE Tubing

(P. 32)



Fluids: many fluids

Materials:

- 50% reticulated polyethylene, food-grade

- 7 colours

Pressure: 20 bar

Temperature: -40°C to +95°C

O.D. metric: 4 mm to 16 mm

O.D. inch: 1/4" to 1/2"

Regulations: KTW, W270, FDA, NSF

Ball Valves and Non-Return Valves

LIQUIfit® Non-Return Valves

(P. 34)



Fluids: water, beverages, liquid foodstuffs

Materials: polymer for food applications

Pressure: 10 bar

Temperature: 0°C to +65°C

Ø inch: 1/4" to 1/2"

LIQUIfit® Ball Valves,

(P. 36)



Fluids: water, beverages, CO₂, inert gases

Materials: polypropylene, EPDM seal

Pressure: 10 bar

Temperature: -15°C to +100°C

Tube Ø: 1/4" and 3/8"



Range of LIQUIfit® Push-In Fittings

Stud Fittings

Straights

6501

BSPP

Page 14

New



6505

BSPT

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6315

BSPT

Page 14



6352

BSPP

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6521
BSPT
Page 16



Straights - Inch

6505

NPTF/BSPT

Page 14



6315

NPTF

Page 15



6352

BSPP

Page 15



6325

UNS

Page 15



6521
NPTF/BSPT
Page 16



Elbows

6579

BSPT

Page 17



6509

BSPT

Page 17



6599

BSPP

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Elbows - Inch

6579

BSPT/NPTF

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6509

BSPT/NPTF

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Tees

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BSPT

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Tees - Inch

6508
NPTF
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Plugs

6355

BSPT

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Tube-to-Tube Fittings

Straight

6306

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Straight - Inch

6306

Page 20



Elbow

6302

Page 20



Elbow - Inch

6302

Page 20



Tee

6304

Page 21



Tee - Inch

6304

Page 21



Y

6340

Page 21



Y - Inch

6340

Page 21



Cross

6307

Page 22



Cross - Inch

6307

Page 22



Bulkhead Connectors

Straight

6316

Page 22



Straight - Inch

6316

Page 22



Plug-In Fittings and Accessories

Elbows

6382

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Elbow - Inch

6382

Page 23



Tees

6383

Page 23



Tee - Inch

6388

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Accessories

Accessories

6366

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6976

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6316

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Accessories - Inch

6366

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6368

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6326

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6322

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6351

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Polymer Cartridges for Fluids and Gases

Carstick®

6300

Page 26



Carstick® - Inch

6300

Page 26



Range of LIQUIfit® Push-In Fittings with Metal Adaptors



Stud Fittings with Stainless Steel Adaptor

Straight

6911
Page 29

Elbows

6959
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6974
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6979
Page 30



Stud Fittings with Nickel-Plated Brass Adaptor

Straight

6901
Page 31

Elbows

6905
Page 31

6999
Page 31

6909
Page 31



LIQUIfit® Accessories

3130
Page 27

3110
Page 27

0605
Page 27

3000 71 00
Page 27



Flexible Calibrated Tubing

Advanced PE



1015Y..F
1030Y..F
1075Y..F
1096Y..F
1098Y..F
1099Y..F

Page 33

LIQUIfit® Non-Return Valves

Non-Return Valves

7992
Page 35
New

7992
Inch
Page 35



LIQUIfit® Ball Valves

In-Line

4020
2/2
Page 37

4021
2/2
Page 37

4023
2/2
Page 37



Right-Angled

4022
2/2
Page 37



LIQUIfit® Push-In Fittings

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

Product Advantages

Innovative Technology & Concept

Ergonomic and aesthetic design
The most compact product on the market for water, beverages and liquid foodstuffs
Easy-to-clean external surfaces
Push-in connection and disconnection
Full flow
Use with a pre-prepared metallic tubing
Gripping system preventing any pumping effect
Eco-designed (materials, manufacturing process, weight, dimensions and performance)



Optimal Performance

Patented sealing technology
100% leak-tested in production
Date coding to guarantee quality and traceability
Wide range of shapes and numerous configurations



High Performance Material

Bio-sourced polymer meeting the most severe food process regulations
Suitable for contact with water and beverages
Excellent chemical and mechanical resistance, even at high temperature
Free of bisphenol A and phthalates, conforming with regulations

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

Applications

Technical Characteristics

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

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

Component Materials



Silicone-free

Regulations

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

Pressure and Temperature of the Different Diameters and Related Products of the LIQUIfit® Range

-10°C		Pressure (bar)	
mm Ø	inch Ø	Fittings	PE Tubing
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
16	5/8	10	9

+1°C		Pressure (bar)	
mm Ø	inch Ø	Fittings	PE Tubing
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
16	5/8	10	9

+20°C		Pressure (bar)	
mm Ø	inch Ø	Fittings	PE Tubing
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
16	5/8	10	9

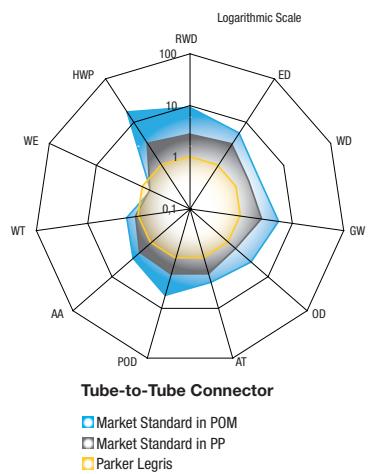
+40°C		Pressure (bar)	
mm Ø	inch Ø	Fittings	PE Tubing
4	5/32	16	16
6	1/4	16	16
8	5/16	16	16
10	3/8	13	15
12	1/2	11	11
16	5/8	10	8

+65°C		Pressure (bar)	
mm Ø	inch Ø	Fittings	PE Tubing
4	5/32	10	10
6	1/4	10	10
8	5/16	10	10
10	3/8	7	7
12	1/2	7	7
16	5/8	10	6

+95°C		Pressure (bar)	
mm Ø	inch Ø	Fittings	PE Tubing
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

Environmental Footprint

Example: representation of the environmental footprint of an equal tube-to-tube connector



Environmental Approach

The Life Cycle Analysis (LCA) offers a true alternative in terms of environmental differentiation.

We carried out a comparative LCA on the market of drinking water between 3 Parker Legris fittings and the standard products on the market.

This analysis relies on ISO 14020, ISO 14025 and IEC PAS 62545 standards and the results are presented in a report approved by an ethics committee (Bureau Veritas).



RWD: Raw Material Depletion

ED: Energy Depletion

WD: Water Depletion

GW: Global Warming

OZ: Ozone Depletion

AA: Air Acidification

WT: Water Toxicity

WE: Water Eutrophication

HWP: Hazardous Waste Production

POC: Photochemical Ozone Creation

AA: Air Acidification

WT: Water Toxicity

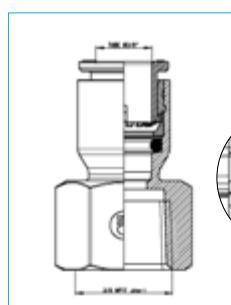
WE: Water Eutrophication

POD: Photochemical Ozone Depletion

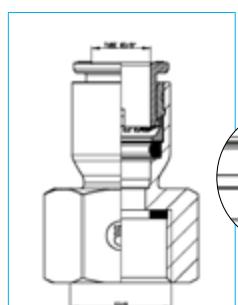
AT: Air Toxicity

Sealing Profile for Female Thread Stud Fitting

Stud Fitting,
Female NPTF Thread
6315

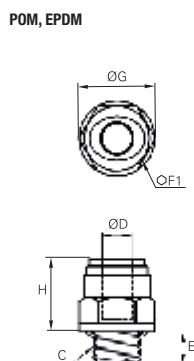


Stud Fitting Flat Type,
Female BSPP Thread,
6352 and **6333**



Stud Fittings

6501 Stud Fitting, Male BSPP Thread



ØD	C		E	F	G	H	kg
6	G1/8	6501 06 10WP2	6	15	18	18	0.003
	G1/4	6501 06 13WP2	8.5	18	18	15.5	0.004
8	G1/8	6501 08 10WP2	6	17	18	18.5	0.005
	G1/4	6501 08 13WP2	8.5	18	18	20	0.006
10	G3/8	6501 08 17WP2	6	21	20	17.5	0.007
	G1/4	6501 10 13WP2	8.5	19	20	22	0.007
12	G3/8	6501 10 17WP2	9	21	20	17	0.007
	G1/2	6501 10 21WP2	12.5	26	21.5	17	0.011
12	G3/8	6501 12 17WP2	9	24	21.5	25	0.011
	G1/2	6501 12 21WP2	12.5	26	21.5	20	0.012

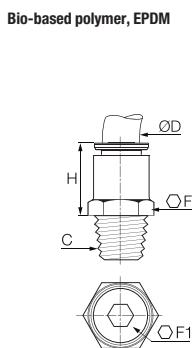
These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

Thread without pre-coating.

NSF - ACS only



6505 Stud Fitting, Male BSPT Thread



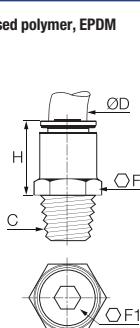
ØD	C		F	F1	H	kg
4	R1/8	6505 04 10WP2	11	3	18	0.003
	R1/4	6505 04 13WP2	14	3	18	0.004
6	R1/8	6505 06 10WP2	11	4	18	0.002
	R1/4	6505 06 13WP2	14	4	18	0.004
8	R1/8	6505 08 10WP2	17	6	20	0.004
	R1/4	6505 08 13WP2	14	6	20	0.004
10	R3/8	6505 08 17WP2	17	6	20	0.005
	R1/4	6505 10 13WP2	17	7	21.5	0.005
10	R3/8	6505 10 17WP2	19	7	21.5	0.007
	R1/2	6505 10 21WP2	22	7	21.5	0.010
12	R3/8	6505 12 17WP2	19	9	24.5	0.008
	R1/2	6505 12 21WP2	22	9	24.5	0.012

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

Thread without pre-coating.



6505 Stud Fitting, Male NPTF Thread



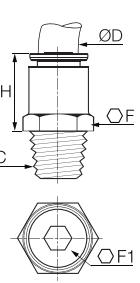
ØD	C		F	F1	H	kg
1/4	NPT1/8	6505 56 11WP2	1/2	5/32	17	0.002
	NPT1/4	6505 56 14WP2	9/16	5/32	17	0.003
	NPT3/8	6505 56 18WP2	3/4	1/4	21,5	0.004
3/8	NPT1/8	6505 60 11WP2	3/4	5/32	22,1	0.005
	NPT1/4	6505 60 14WP2	3/4	1/4	22	0.006
	NPT3/8	6505 60 18WP2	3/4	1/4	22	0.007
1/2	NPT1/2	6505 60 22WP2	15/16	1/4	27	0.012
	NPT3/8	6505 62 18WP2	15/16	3/8	28	0.012
	NPT1/2	6505 62 22WP2	15/16	3/8	28	0.013

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

Thread without pre-coating.



6505 Stud Fitting, Male BSPT Thread



ØD	C		F	F1	H	kg
1/4	R1/8	6505 56 10WP2	11	5	17	0.002
	R1/4	6505 56 13WP2	14	5	17	0.003
3/8	R3/8	6505 60 17WP2	19	7	22	0.006
	R1/2	6505 60 21WP2	22	7	28	0.012
1/2	R1/2	6505 62 21WP2	24	9	28	0.017

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

5/32" (4 mm) and 5/16" (8 mm) also available.

Thread without pre-coating.



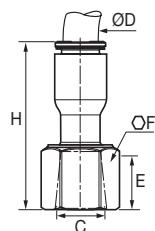
Stud Fittings

6315

Stud Connector, Female BSPT Thread



Bio-based polymer, EPDM



ØD	C		E	F	H	kg	
6	R1/8	6315 06 10WP2		11	13	32	0.003
	R1/4	6315 06 13WP2		14	16	33	0.004
8	R1/4	6315 08 13WP2		14	16	33.5	0.004
	R3/8	6315 08 17WP2		14	20	36	0.009

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

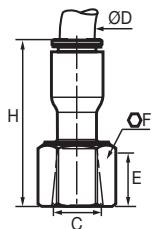
6315

Stud Fitting, Female NPTF Thread



Inch

Bio-based polymer, EPDM



ØD	C		F	H	kg
1/4	NPT1/4	6315 56 14WP2	11/16	30	0.003
3/8	NPT3/8	6315 60 18WP2	13/16	36	0.007

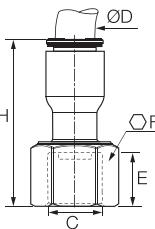
6352

Stud Fitting Flat Type, Female BSPP Thread



Inch

Bio-based polymer, EPDM



ØD	C		E	F	H	kg
6	G3/4	6352 06 27WP2	11,5	32	32	0.011
8	G3/4	6352 08 27WP2	11,5	32	40.5	0.017
10	G1/2	6352 10 21WP2	10,5	27	36	0.011

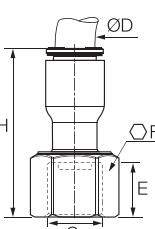
6352

Stud Fitting Flat Type, Female BSPP Thread



Inch

Bio-based polymer, EPDM



ØD	C		E	F	H	kg
1/4	G3/4	6352 56 27WP2	11.5	32	31	0.006
	G3/8	6352 60 17WP2	12	22	36	0.008
3/8	G1/2	6352 60 21WP2	10.5	27	36	0.011
	G3/4	6352 60 27WP2	11.5	32	41	0.018
1/2	G5/8	6352 62 23WP2	10.5	29	35.5	0.013
	G3/4	6352 62 27WP2	11.5	32	44.5	0.014

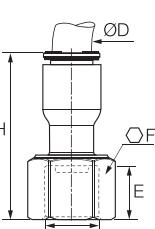
6325

Faucet Connector, Female UNS Thread



Inch

Bio-based polymer, EPDM



ØD	C		E	F	H	kg
1/4	UNS7/16-24	6325 56 133WP2	7	9/16	31	0.002

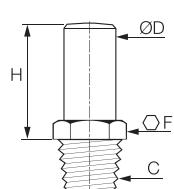
Stud Fittings

6521

Stud Standpipe, Male BSPT Thread



Bio-based polymer



ØD	C		F	H	kg
R1/8	6521 06 10WP2		13	19	0.002
6	R1/4	6521 06 13WP2	14	19	0.003
R3/8	6521 06 17WP2		17	19	0.004
R1/8	6521 08 10WP2		19	23	0.003
8	R1/4	6521 08 13WP2	19	23	0.004
R3/8	6521 08 17WP2		19	23	0.004
R1/4	6521 10 13WP2		19	25	0.004
10	R3/8	6521 10 17WP2	19	25	0.005
R1/2	6521 10 21WP2		22	25	0.008
R3/8	6521 12 17WP2		22	28	0.005
12	R1/2	6521 12 21WP2	22	28	0.007

Thread without pre-coating.

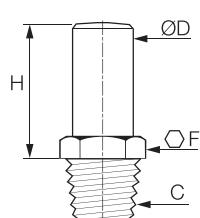
6521

Stud Standpipe, Male NPTF Thread



Inch

Bio-based polymer



ØD	C		F	H	kg
NPT1/8	6521 56 11WP2		1/2	19	0.001
NPT3/8	6521 56 18WP2		3/4	19.5	0.004
NPT1/4	6521 60 14WP2		3/4	25	0.004
NPT3/8	6521 60 18WP2		3/4	25	0.004
1/2	NPT1/2	6521 62 22WP2	15/16	32.5	0.013

Thread without pre-coating.

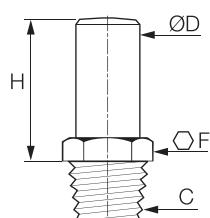
6521

Stud Standpipe, Male BSPT Thread



Inch

Bio-based polymer



ØD	C		F	H	kg
1/4	R1/4	6521 56 13WP2	14	19	0.002
	R3/8	6521 56 17WP2	17	19	0.004
3/8	R3/8	6521 60 17WP2	19	25	0.004

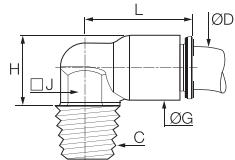
Thread without pre-coating. 5/16" (8mm) also available.

Stud Fittings

6579

Fixed Elbow, Male BSPT Thread

Bio-based polymer, EPDM



ØD	C	Code	G	H	J	L	kg
6	R1/8	6579 06 10WP2	11	14	10	19	0.002
	R1/4	6579 06 13WP2	11	14	10	19	0.003
	R3/8	6579 06 17WP2	11	14	10	19	0.004

Thread without pre-coating.

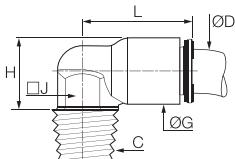


Inch

6579

Fixed Elbow, Male NPTF Thread

Bio-based polymer, EPDM



ØD	C	Code	G	H	J	L	kg
1/4	NPT1/8	6579 56 11WP2	11	22	3/8	18	0.009
	NPT1/4	6579 56 14WP2	11	26	3/8	18	0.003
3/8	NPT1/4	6579 60 14WP2	16	32	1/2	26	0.006
	NPT3/8	6579 60 18WP2	16	32	1/2	26	0.006

Thread without pre-coating.

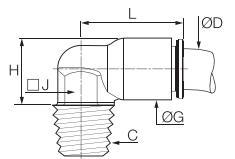


Inch

6579

Fixed Elbow, Male BSPT Thread

Bio-based polymer, EPDM



ØD	C	Code	G	H	J	L	kg
1/4	R1/4	6579 56 13WP2	11	26	10	18	0.003
	R3/8	6579 56 17WP2	11	26	10	18	0.004
3/8	R1/4	6579 60 13WP2	16	31.5	13	26	0.006
	R3/8	6579 60 17WP2	16	32	13	26	0.006

Thread without pre-coating.

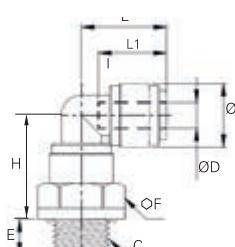


Inch

6599

Stud Elbow, Male BSPP Thread

POM, EPDM



ØD	C	Code	E	F	G	H	L	L1	kg
6	G1/8	6599 06 10WP2	6	17	15	24.5	20	16	0.007
	G1/4	6599 06 13WP2	8.5	18	15	33	20	16	0.008
	G1/8	6599 08 10WP2	6	18	17.5	26	22	17.5	0.010
8	G1/4	6599 08 13WP2	8.5	18	17.5	26	22	17.5	0.011
	G3/8	6599 08 17WP2	9	22	17.5	26	22	17.65	0.012
	G1/4	6599 10 13WP2	8.5	22	20	29.5	26	20	0.015
10	G3/8	6599 10 17WP2	9	22	20	29.5	26	20	0.015
	G1/2	6599 10 21WP2	12.5	26	20	29.5	26	20	0.019
	G3/8	6599 12 17WP2	9	26	23	34.5	31.5	24.5	0.023
12	G1/2	6599 12 21WP2	12.5	26	23	34.5	31.5	14.5	0.025

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters). Thread without pre-coating; the body swivels for positioning purposes.
NSF - ACS only

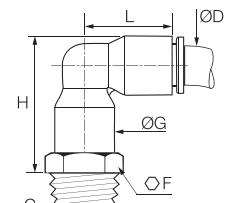


Inch

6509

Stud Elbow, Male BSPT Thread

Bio-based polymer, EPDM



ØD	C	Code	F	G	H	L	kg
6	R1/8	6509 06 10WP2	13	10.5	28	24	0.037
	R1/4	6509 06 13WP2	14	10.5	28	24	0.007
	R3/8	6509 06 17WP2	17	10.5	28	24	0.008
8	R1/8	6509 08 10WP2	19	13.5	34	29.5	0.010
	R1/4	6509 08 13WP2	19	13.5	34	29.5	0.011
	R3/8	6509 08 17WP2	19	13.5	34	29.5	0.011
10	R1/4	6509 10 13WP2	19	16	38	34.5	0.019
	R3/8	6509 10 17WP2	19	16	38	34.5	0.020
	R1/2	6509 10 21WP2	22	16	38	34.5	0.023
12	R3/8	6509 12 17WP2	22	19	44	40	0.022
	R1/2	6509 12 21WP2	22	19	44	40	0.024

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters). Thread without pre-coating; the body swivels for positioning purposes.



Inch

Stud Fittings

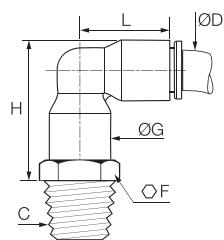
6509

Stud Elbow, Male NPTF Thread



Inch

Bio-based polymer, EPDM



ØD	C		F	G	H	L	kg
NPT1/8	6509 56 11WP2		1/2	11	28	23.5	0.003
1/4	6509 56 14WP2		9/16	11	28	23.5	0.004
NPT3/8	6509 56 18WP2		3/4	11	28.5	23.5	0.006
NPT1/4	6509 60 14WP2		3/4	16	38	34	0.010
3/8	6509 60 18WP2		3/4	16	38	34	0.011

Thread without pre-coating, the body swivels for positioning purposes.

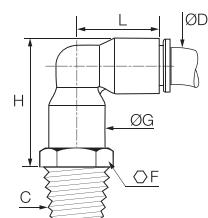
6509

Stud Elbow, Male BSPT Thread



Inch

Bio-based polymer, EPDM



ØD	C		F	G	H	L	kg
1/4	R1/4	6509 56 13WP2	14	11	28	23.5	0.004
1/2	R1/2	6509 62 21WP2	24	22	50.5	46.5	0.027

5/16" (8 mm) also available.

Thread without pre-coating, the body swivels for positioning purposes.

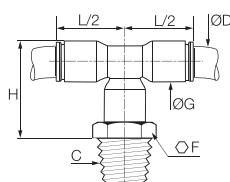
6508

Branch Tee, Male BSPT Thread



Inch

Bio-based polymer, EPDM



ØD	C		F	G	H	L/2	kg
6	R1/8	6508 06 10WP2	13	10.5	28	18	0.008
	R1/4	6508 06 13WP2	14	10.5	28	18	0.009
	R3/8	6508 06 17WP2	17	10.5	28	18	0.010
8	R1/8	6508 08 10WP2	19	13.5	34	23	0.012
	R1/4	6508 08 13WP2	19	13.5	34	23	0.013
	R3/8	6508 08 17WP2	19	13.5	34	23	0.013
10	R1/4	6508 10 13WP2	19	16	38	26.5	0.018
	R3/8	6508 10 17WP2	19	16	38	26.5	0.019
	R1/2	6508 10 21WP2	22	16	38	26.5	0.022
12	R3/8	6508 12 17WP2	22	19	44	31	0.024
	R1/2	6508 12 21WP2	22	19	44	31	0.026

Thread without pre-coating, the body swivels for positioning purposes.

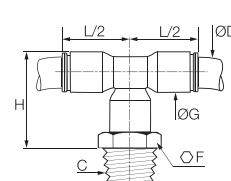
6508

Branch Tee, Male NPTF Thread



Inch

Bio-based polymer, EPDM



ØD	C		F	G	H	L/2	kg
1/4	NPT1/8	6508 56 11WP2	1/2	11	28	18	0.004
1/2	NPT1/2	6508 62 22WP2	15/16	22	51	35.5	0.034

Thread without pre-coating, the body swivels for positioning purposes.

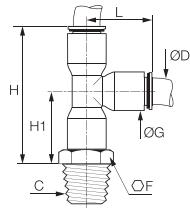
Stud Fittings

6503

Run Tee, Male BSPT Thread



Bio-based polymer, EPDM



ØD	C	Code	F	G	H	H1	L	kg
6	R1/4	6503 06 13WP2	14	10.5	40	22	18.5	0.009
	R1/8	6503 08 10WP2	19	13.5	50	27	23	0.012
8	R1/4	6503 08 13WP2	19	13.5	50	27	23	0.013
	R3/8	6503 08 17WP2	19	13.5	50	27	23	0.013
12	R3/8	6503 12 17WP2	22	19	65.5	34.5	31	0.024
	R1/2	6503 12 21WP2	22	19	65.5	34.5	31	0.026

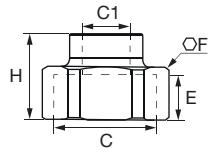
Thread without pre-coating, the body swivels for positioning purposes.

6355

Unequal Connector, Female BSPP Thread



Bio-based polymer



C	C1	Code	E	F	H	kg
G3/4	G1/4	6355 13 27WP2	10	32	23.5	0.050

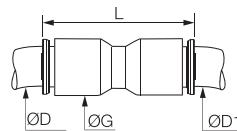
Tube-to-Tube Fittings

6306

Equal and Unequal Tube-to-Tube Connector



Bio-based polymer, EPDM



ØD	ØD1	Code	G	L	kg	
4	6	6306 04 00WP2	8.5	26.5	0.002	
4	6	6306 04 06WP2	10.5	29	0.002	
8	6	6306 04 08WP2	13.5	37	0.005	
6	8	6306 06 00WP2	10.5	30	0.004	
6	8	6306 06 08WP2	13.5	37	0.005	
10	10	6306 06 10WP2	16	42	0.007	
8	8	6306 08 00WP2	13.5	37	0.004	
8	10	6306 08 10WP2	16	42	0.007	
12	12	6306 08 12WP2	19	50	0.012	
10	10	6306 10 00WP2	16	42	0.009	
10	12	6306 10 12WP2	19	50	0.013	
12	12	6306 12 00WP2	19	50.5	0.009	
16	16	6306 16 00	New	27	60.5	0.023

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

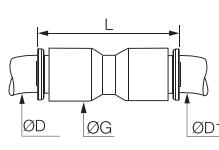
6306

Equal and Unequal Tube-to-Tube Connector



Inch

Bio-based polymer, EPDM



ØD	ØD1	Code	G	L	kg
5/16	3/8	6306 08 60WP2	16	42	0.008
	1/2	6306 08 62WP2	22	55	0.018
1/4	1/4	6306 56 00WP2	11	30	0.002
	3/8	6306 56 60WP2	16	41	0.007
3/8	3/8	6306 60 00WP2	16	42	0.006
	1/2	6306 60 62WP2	22	56	0.020
1/2	1/2	6306 62 00WP2	22	57	0.016

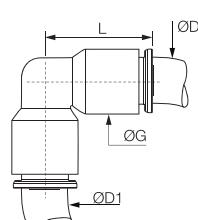
These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

6302

Equal and Unequal Elbow



Bio-based polymer, EPDM



ØD	ØD1	Code	G	L	kg	
4	6	6302 04 00WP2	8.5	19	0.002	
4	6	6302 04 06WP2	10.5	24	0.004	
6	6	6302 06 00WP2	10.5	24	0.004	
6	8	6302 06 08WP2	13.5	29.5	0.006	
8	8	6302 08 00WP2	13.5	29	0.004	
8	10	6302 08 10WP2	16	34.5	0.008	
10	10	6302 10 00WP2	16	34.5	0.005	
10	12	6302 10 12WP2	19	40.5	0.013	
12	12	6302 12 00WP2	19	40.5	0.010	
16	16	6302 16 00	New	27	53	0.024

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

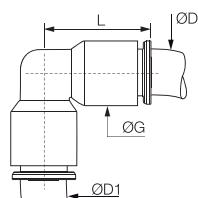
6302

Equal and Unequal Elbow



Inch

Bio-based polymer, EPDM



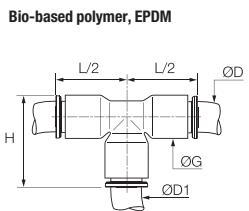
ØD	ØD1	Code	G	L	kg
5/16	3/8	6302 08 60WP2	16	34	0.009
	1/4	6302 56 00WP2	11	24	0.005
1/4	5/16	6302 56 08WP2	13.5	29.5	0.006
	3/8	6302 56 60WP2	16	34	0.008
3/8	3/8	6302 60 00WP2	16	34	0.006
	1/2	6302 60 62WP2	22	46.5	0.011
1/2	1/2	6302 62 00WP2	22	46.5	0.017

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

Tube-to-Tube Fittings

6304

Equal Tee



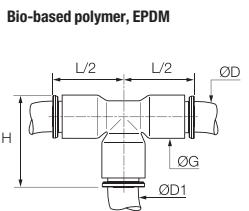
Bio-based polymer, EPDM

ØD	ØD1	Code	G	H	L/2	kg
4	4	6304 04 00WP2	8.5	20	15.5	0.004
6	6	6304 06 00WP2	10.5	23	18	0.006
8	8	6304 08 00WP2	13.5	29	22.5	0.006
10	10	6304 10 00WP2	16	34.5	26.5	0.009
12	12	6304 12 00WP2	19	40	31	0.014
16	16	6304 16 00 New	27	53	39	0.063
16	12	6304 16 12 New	27	53	39	0.037

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

6304

Equal and Unequal Tee



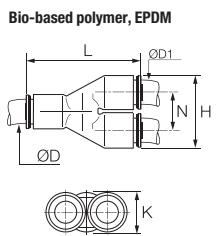
Bio-based polymer, EPDM

ØD	ØD1	Code	G	H	L/2	kg
1/4	1/4	6304 56 00WP2	11	24	18	0.002
3/8	3/8	6304 60 00WP2	16	34	26	0.009
3/8	1/4	6304 60 56WP2	16	34	26	0.011
1/2	1/2	6304 62 00WP2	22	47	36	0.027
1/2	3/8	6304 62 60WP2	22	47	36	0.009

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).
5/32" (4 mm) and 5/16" (8 mm) also available.

6340

Equal Single Y Piece



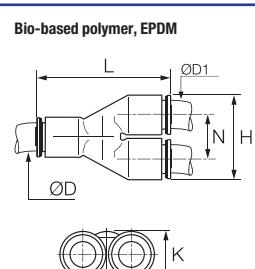
Bio-based polymer, EPDM

ØD	ØD1	Code	H	K	L	N	kg
4	4	6340 04 00WP2	17.5	8.5	30	9	0.004
6	6	6340 06 00WP2	21.5	10.5	36.5	11	0.008
8	8	6340 08 00WP2	28	13.5	44.5	14.5	0.007
10	10	6340 10 00WP2	33	16	53	17	0.010
12	12	6340 12 00WP2	39	19	60.5	20	0.025

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

6340

Equal Single Y Piece



Bio-based polymer, EPDM

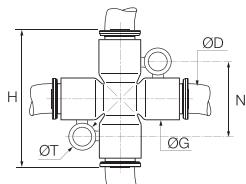
ØD	ØD1	Code	H	K	L	N	kg
1/4	1/4	6340 56 00WP2	22	11	36	11.5	0.010
3/8	3/8	6340 60 00WP2	33	16	53	17	0.011
1/2	1/2	6340 62 00WP2	45	22	67	23	0.028

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).
5/32" (4 mm) and 5/16" (8 mm) also available.

Tube-to-Tube and Bulkhead Connectors

6307 Equal Cross

Bio-based polymer, EPDM

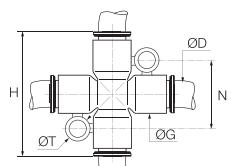


ØD		G	H	N	ØT	kg
6	6307 06 00WP2	11	36	20	4.2	0.005
8	6307 08 00WP2	13.5	45	22.5	4.2	0.020



6307 Equal Cross

Bio-based polymer, EPDM

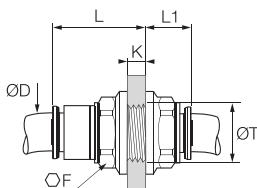


ØD		G	H	L	ØT	kg
1/4	6307 56 00WP2	11	36	20	4.2	0.010



6316 Equal Bulkhead Union

Bio-based polymer, EPDM



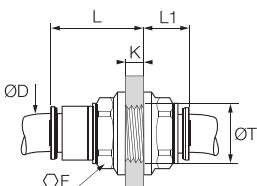
ØD			F	K _{max}	L	L1	ØT _{min}	kg
4	6316 04 00WP2		13	5.5	15.5	10.5	10.5	0.018
6	6316 06 00WP2	6316 06 00WP3	15	8.5	20	10	12.5	0.004
8	6316 08 00WP2	6316 08 00WP3	18	14.5	27	10.5	15.5	0.007
10	6316 10 00WP2	6316 10 00WP3	22	14.5	30	13	18.5	0.012
12	6316 12 00WP2	6316 12 00WP3	26	18.5	35	15.5	22.5	0.020



WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters)

6316 Equal Bulkhead Union

Bio-based polymer, EPDM



ØD			F	K _{max}	L	L1	ØT _{min}	kg
1/4	6316 56 00WP2	6316 56 00WP3	15	8.5	20	10	12.5	0.004
3/8	6316 60 00WP2		22	14.5	29.5	12.5	18.5	0.012
1/2	6316 62 00WP2		29	20.5	40.5	17	25.5	0.030



Inch

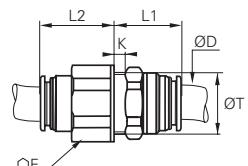
WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters)

5/32" (4 mm) and 5/16" (8 mm) also available

6976 Bulkhead Union

Acier inox 316L, EPDM

Stainless steel 316L, EPDM



ØD		F	K _{max}	L1	L2	ØT _{min}	kg	
16	6976 16 00		32	10.5	33	30	27.5	0.166

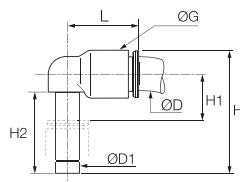


Electrical protection class IP55

Plug-In Fittings

6382 Equal and Unequal Plug-In Elbow

Bio-based polymer, EPDM



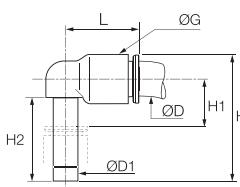
ØD	ØD1			G	H	H1	H2	L	kg
4	4	6382 04 00WP2*		8.5	23	6	15.5	15	0.003
6	6	6382 04 06WP2		10.5	26.5	7	17	16.5	0.002
6	6	6382 06 00WP2	6382 06 00WP3	10.5	26.5	7	17	17	0.003
6	4	6382 06 04WP2		10.5	25	7	15.5	17	0.001
8	8	6382 06 08WP2		13.5	33.5	8	21.5	22.5	0.004
8	8	6382 08 00WP2	6382 08 00WP3	13.5	33.5	8	21.5	22.5	0.004
10	10	6382 08 10WP2		16	39	9.5	24.5	26	0.007
10	10	6382 10 00WP2		16	39	9.5	24.5	26.5	0.004
12	12	6382 10 12WP2*		19	44.5	10	27	30	0.011
12	12	6382 12 00WP2*		19	44.5	10	27	31	0.012

WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

* Diameters 4 mm and 12 mm are not grooved in standard version.

6382 Equal and Unequal Plug-In Elbow

Bio-based polymer, EPDM



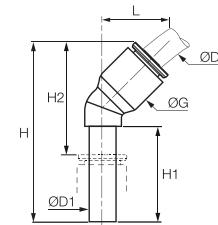
ØD	ØD1			G	H	H1	H2	L	kg
5/16	3/8	6382 08 60WP2		16	39	10	24.5	26	0.009
1/4	1/4	6382 56 00WP2	6382 56 00WP3	11	30.5	11	18	18	0.000
1/4	3/8	6382 56 60WP2		16	39	9	24.5	25.5	0.006
3/8	3/8	6382 60 00WP2		16	39	9	24.5	26.5	0.005
1/2	1/2	6382 62 00WP2		22	49	13	28.5	36	0.000

WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters)

Equal plug-in elbow: 5/32" (4 mm) and 5/16" (8 mm) also available

6380 Plug-In 45° Equal Elbow

Bio-based polymer, EPDM

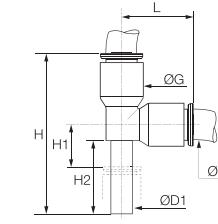


ØD	ØD1			G	H	H1	H2	L	kg
4	4	6380 04 00WP2		8.5	33.5	19	21	13	0.001
6	6	6380 06 00WP2		11	39	21	25	14.5	0.002
8	8	6380 08 00WP2		13.5	44	21.5	25.5	19.5	0.006
10	10	6380 10 00WP2		16	53	27	32.5	23	0.004
12	12	6380 12 00WP2		19	58	27	34	26	0.012

For rotary applications, we recommend the use of a special grooved version, available upon request.

6383 Plug-In Equal Run Tee

Bio-based polymer, EPDM



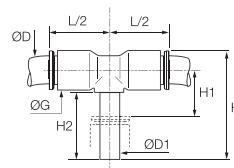
ØD	ØD1			G	H	H1	H2	L	kg
4	4	6383 04 00WP2		8.5	33	6	15.5	15	0.002
6	6	6383 06 00WP2		10.5	38.5	7	17	18	0.002
8	8	6383 08 00WP2	6383 08 00WP3	13.5	49	8	21.5	23	0.005
10	10	6383 10 00WP2		16	57	10.5	25.5	26.5	0.012

WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters)

For rotary applications, we recommend the use of a special grooved version, available upon request.

6388 Plug-In Equal Branch Tee

Bio-based polymer, EPDM



ØD	ØD1			G	H	H1	H2	L/2	kg
4	4	6388 04 00WP2		8.5	25	6	15.5	15	0.005
6	6	6388 06 00WP2		10.5	28.5	7	17	16	0.006
8	8	6388 08 00WP2		13.5	33.5	8	21.5	23	0.005
10	10	6388 10 00WP2		16	41	9.5	24.5	26.5	0.007

For rotary applications, we recommend the use of a special grooved version, available upon request.

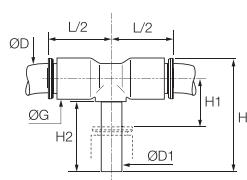
Plug-In Fittings and Accessories

6388

Plug-In Branch Tee



Bio-based polymer, EPDM



ØD **ØD1**

1/4	1/4	6388 56 00WP2	11	30.5	11	20	18	0.002
3/8	3/8	6388 60 00WP2	16	42	12	25	25	0.008

5/32" (4 mm) and 5/16" (8 mm) also available

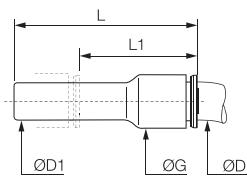
For rotary applications, we recommend the use of a special grooved version, available upon request.

6366

Plug-In Reducer



Bio-based polymer, EPDM



ØD **ØD1**

			G	L	L1	kg
4	6	6366 04 06WP2	8.5	38	23.5	0.004
4	8	6366 04 08WP2	8.5	38	19	0.004
6	8	6366 06 08WP2	10.5	38	20	0.004
6	10	6366 06 10WP2	10.5	39	17.5	0.002
8	10	6366 08 10WP2	13.5	48.5	28.5	0.009
8	12	6366 08 12WP2	13.5	48.5	24.5	0.004
10	12	6366 10 12WP2	16	52	33.5	0.005
10	14	6366 10 14WP2	16	53	33.5	0.005

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters). Thread without pre-coating; the body swivels for positioning purposes.

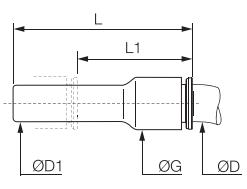
For rotary applications, we recommend the use of a special grooved version, available upon request.

6366

Plug-In Reducer



Bio-based polymer, EPDM



ØD **ØD1**

			G	L	L1	kg
1/4	5/16	6366 56 08WP2	11	41	22.5	0.015
1/4	3/8	6366 56 60WP2	11	41	20.5	0.002
5/16	3/8	6366 08 60WP2	13.5	48.5	29	0.003
5/16	1/2	6366 08 62WP2	16	48.5	22	0.007
3/8	1/2	6366 60 62WP2	16	51	30	0.011

5/32" (4 mm) and 5/16" (8 mm) also available

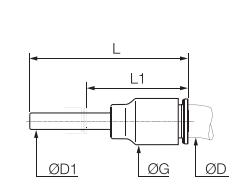
For rotary applications, we recommend the use of a special grooved version, available upon request.

6368

Plug-In Increaser



Bio-based polymer, EPDM



ØD **ØD1**

			G	L	L1	kg
3/8	5/16	6368 60 08WP2	16	44	25.5	0.004

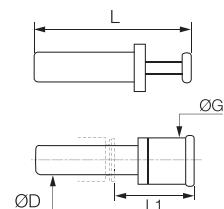
For rotary applications, we recommend the use of a special grooved version, available upon request.

6326

Blanking Plug



Bio-based polymer



ØD

			G	L	L1	kg
4		6326 04 00WP2	6	30	15.5	0.001
6		6326 06 00WP2	8	33	16.5	0.001
8		6326 08 00WP2	10	35	17.5	0.002
10		6326 10 00WP2	12	42	21	0.003
12		6326 12 00WP2	14	45	22	0.004

These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters). Thread without pre-coating; the body swivels for positioning purposes.

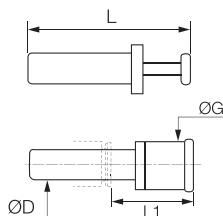
Accessories

6326

Blanking Plug



Bio-based polymer



ØD

			G	L	L1	kg
1/4	6326 56 00WP2	6326 56 00WP3	8	36.5	22	0.001
3/8	6326 60 00WP2		11.6	42.5	22	0.002
1/2	6326 62 00WP2		14.7	48.5	21.5	0.004

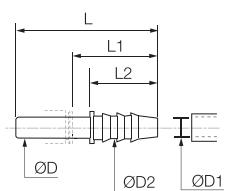
WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters)
5/32" (4 mm) and 5/16" (8 mm) also available

6322

Plug-In Barb Connector



Bio-based polymer



ØD **ØD1** **ØD2**

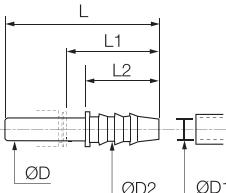
ØD	ØD1	ØD2		L	L1	L2	kg
6	4	96	6322 06 04WP2	39	25	17	0.004
8	6	7.75	6322 08 06WP2	43	25	17	0.005
10	7	9	6322 10 07WP2	50	29.5	22	0.006
12	12.5	15.5	6322 12 62WP2	56	32	27.5	0.004

6322

Plug-In Barb Connector



Bio-based polymer



ØD **ØD1** **ØD2**

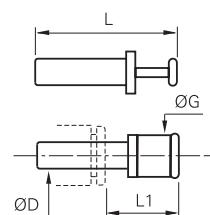
ØD	ØD1	ØD2		L	L1	L2	kg
1/4	0.28	0.32	6322 56 56WP2	39	24.5	17	0.001
	0.33	0.38	6322 60 08WP2	50	29.5	22	0.001
3/8	0.28	0.32	6322 60 56WP2	45	24.5	17	0.008
	0.40	0.45	6322 60 60WP2	50	29	22	0.002
1/2	0.40	0.45	6322 62 60WP2	58	37.5	30	0.005

6986

Blanking Plug



Stainless steel 316L



ØD **ØD1** **ØD2**

ØD	ØD1	ØD2		E	L	L1	kg
1/4	0.28	0.32	6986 16 00	18	57	35	0.060

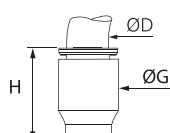
These part numbers are also available on request in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

6351

End Cap



Bio-based polymer, EPDM



ØD

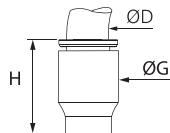
ØD		G	H	kg
4	6351 04 00WP2	8.5	15	0.001
6	6351 06 00WP2	10.5	17	0.002
8	6351 08 00WP2	13.5	21.5	0.003
10	6351 10 00WP2	16	22	0.003
12	6351 12 00WP2	19	27.5	0.006

6351

End Cap



Bio-based polymer, EPDM



ØD

ØD		G	H	kg
1/4	6351 56 00WP2	11	16	0.001
3/8	6351 60 00WP2	16	22.5	0.003

5/32" (4 mm) and 5/16" (8 mm) also available

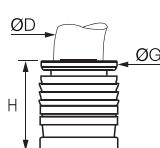
Polymer Cartridges for Fluids and Gases

6300

LIQUIfit® Cartridge



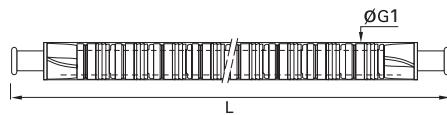
Brass, EPDM



ØD	Code
4	6300 04 00
6	6300 06 00
8	6300 08 00
10	6300 10 00
12	6300 12 00

50 cartridges per Carstick®

G	G1	H	L	kg
8	11	10	554	0.002
10	14.5	11.5	629	0.002
13	15	15	794	0.003
15.5	19.5	17	930	0.005
18.5	21	19.5	1038	0.010

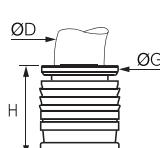


6300

LIQUIfit® Cartridge



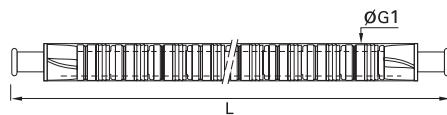
Brass, EPDM



ØD	Code
1/4	6300 56 00
3/8	6300 60 00
1/2	6300 62 00

50 cartridges per Carstick®
5/32" (4 mm) and 5/16" (8 mm) also available

G	G1	H	L	kg
10.5	14.5	12.5	600	0.002
15.5	19	17	930	0.005
22	25	23	1038	0.011



LIQUIfit® Cavity Dimensions

LIQUIfit® Carstick®

Metric

Cavity	ØD3	H	H1	H2
4	4.1	10	6	8.15
6	6.1	12	7.5	9.65
8	8.15	15.5	9.9	12.45
10	10.25	19	11.7	14.35
12	12.17	22	13.9	16.75

LIQUIfit® Carstick®

Inch

Cavity	ØD3	H	H1	H2
1/8	3.25	7.45	5.3	9.5
5/32*	4.1	8.15	6	10
1/4	6.45	10.15	8	12.5
5/16*	8.15	12.45	9.9	15.5
3/8	9.65	14.35	11.7	19

Polyamide Cavity

Cavity	ØD1	ØD2	N	K
4	8.25	7.05	9.8	1.5
6	10.2	9.15	12.2	2
8	12.15	10.85	14.2	2
10	14.8	13.2	16.8	2
12	17.5	15.5	20	2.5

Cavity	ØD1	ØD2	N	K
1/8	7.05	6.02	8.6	1.5
5/32*	8.25	7.05	9.75	1.5
1/4	10.55	9.35	12.6	2
5/16*	12.15	10.85	14.2	2
3/8	14.8	13.1	16.8	2

Aluminium Cavity

Cavity	ØD1	ØD2	N	K
4	8.25	7.5	11.5	3
6	10.3	9.15	13.5	3
8	12.2	10.85	15.2	3
10	15.05	13.2	17.1	2
12	17.5	15.5	20	2.5

Cavity	ØD1	ØD2	N	K
1/8	7.1	6.2	8.6	1.5
5/32*	8.25	7.05	11.25	3
1/4	10.6	9.35	12.65	2
5/16*	12.2	10.85	15.2	3
3/8	15.05	13.1	17.1	2

Brass Cavity

Cavity	ØD1	ØD2	N	K
4	8.25	7.05	10.25	2
6	10.25	9.1	12.25	2
8	12.2	10.85	14.25	2
10	15.05	13.2	17.1	2
12	17.65	15.5	20	2.5

Cavity	ØD1	ØD2	N	K
1/8	7.1	6.2	8.6	1.5
5/32*	8.25	7.05	10.25	2
1/4	10.6	9.35	12.65	2
5/16*	12.2	10.85	14.25	2
3/8	15.05	13.1	17.1	2

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

All our dimensions are in millimeters.

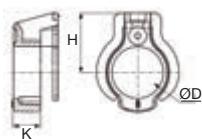
*5/32" = 4 mm and 5/16" = 8 mm

Accessories

3130

Tamper-Proof Safety Clip

Technical polymer

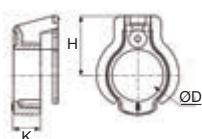


ØD							H	K	kg
4	3130 04 01	3130 04 02	3130 04 03	3130 04 04	3130 04 05		6.5	3	0.001
6	3130 06 01	3130 06 02	3130 06 03	3130 06 04	3130 06 05	3130 06 10	8	3	0.001
8	3130 08 01	3130 08 02	3130 08 03	3130 08 04	3130 08 05	3130 08 10	9.5	4.3	0.001
10	3130 10 01	3130 10 02	3130 10 03	3130 10 04	3130 10 05	3130 10 10	10.8	4.2	0.001
12	3130 12 01		3130 12 03	3130 12 04	3130 12 05	3130 12 10	12.5	5.1	0.003
14	3130 14 01		3130 14 03				12.5	5.1	0.004

3130

Tamper-Proof Safety Clip

Technical polymer



ØD					H	K	kg	
1/4	3130 56 01	3130 56 03	3130 56 04	3130 56 10		8	3	0.001
3/8	3130 60 01	3130 60 03				11	4	0.001
1/2	3130 62 01	3130 62 03	3130 62 04			14	6	0.004

5/32" (4 mm) and 5/16" (8 mm) also available

3110

Coloured Release Button Covers

Technical polymer



ØD						kg
4	3110 04 00	3110 04 02	3110 04 03	3110 04 04	3110 04 05	0.006
6	3110 06 00	3110 06 02	3110 06 03	3110 06 04	3110 06 05	0.001
8	3110 08 00		3110 08 03	3110 08 04		0.001
10	3110 10 00			3110 10 04		0.001
12	3110 12 00					0.001
14	3110 12 00				3110 14 05	0.001

3110

Coloured Release Button Covers

Technical polymer



ØD				kg
1/4		3110 56 04		0.002
3/8	3110 60 00			0.001
1/2		3110 62 05		0.001

5/32" (4 mm) and 5/16" (8 mm) also available

0605

Fluoropolymer Tape

FKM



kg

0.012

Can be used for temperatures from - 250°C to +260°C.

Chemically inert and resistant to gases, acids, solvents, hydrocarbons, oils, alkalines, steam etc.

Non-toxic, waterproof, self-lubricating.

In accordance with CFR21.

Can be used on all materials.

Used to facilitate the preparation of leak-free threaded joints.

Supplied on a reel, length = 12 m, width = 12.7 mm, thickness 0.08 mm.

3000 71 00

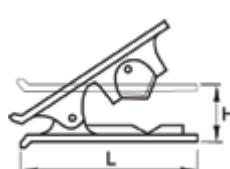
Tube Cutter

Technical polymer



H L kg

25 79 0.029



3000 71 00

This tool is designed to give a clean cut at right angles to the tube axis for all resilient polymer tubing (polyamide, polyurethane, FEP, polyethylene, etc.) from 4 mm to 12 mm diameter inclusive.
Replacement blades: part number 3000 71 00 05
A spring maintains the cutter in the closed position.

LIQUIfit® Push-In Fittings with Metal Adaptors

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

Product Advantages

Innovative Technology & Concept

Ergonomic and aesthetic design
Compact product for water applications
Easy-to-clean external surfaces
Full flow
Use with a pre-prepared metallic tubing
Gripping system preventing any pumping effect

Optimal Performance

Patented sealing technology
100% leak-tested in production
Date coding to guarantee quality and traceability
Wide range of shapes and numerous configurations
Excellent robustness for a long lifespan

High Performance Material

Bio-sourced polymer body meeting the most severe food process regulations
Compatibility with beverages (stainless steel version)
Unsurpassed chemical and mechanical resistance, even at high temperatures
Free of bisphenol A and phthalates, conforming with regulations



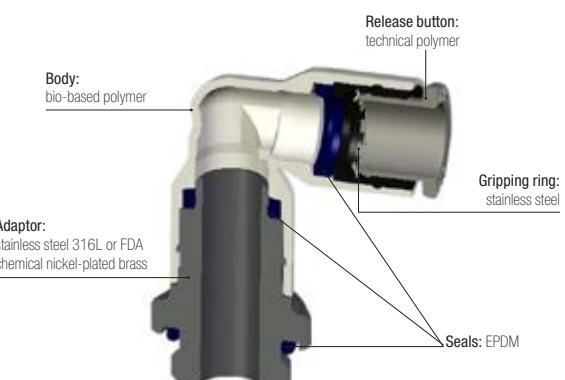
Industrial Fluids
Beverage Process
Inert Gases
Cooling Systems
Food Process

Applications

Technical Characteristics

Component Materials

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



Silicone-free

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

Regulations

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

Stud Fittings with Stainless Steel Adaptor

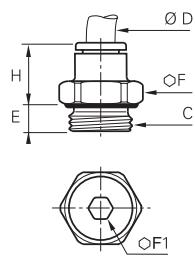


6911

Stud Fitting, Male BSPP and Metric Thread



Stainless steel 316L, EPDM



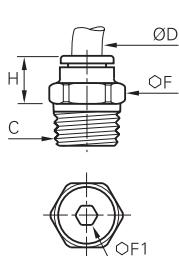
ØD	C	Code	E	F	F1	H	Kg	
	M5x0.8	6911 04 19	3	10	2.5	14	0.006	
4	G1/8	6911 04 10	4.5	13	3	11.5	0.007	
	G1/4	6911 04 13	5.5	16	3	10.5	0.011	
	M5x0.8	6911 06 19	3	10	2.5	16	0.005	
6	G1/8	6911 06 10	4.5	13	4	13	0.007	
	G1/4	6911 06 13	5.5	16	4	12.5	0.011	
	G1/8	6911 08 10	4.5	13	5	20.5	0.011	
8	G1/4	6911 08 13	5.5	16	6	19.5	0.016	
	G3/8	6911 08 17	5.5	21	6	18	0.022	
	G1/4	6911 10 13	5.5	16	7	23	0.018	
10	G3/8	6911 10 17	5.5	21	8	19.5	0.021	
	G1/2	6911 10 21	7	24	8	18	0.033	
12	G3/8	6911 12 17	5.5	21	9	27	0.029	
	G1/2	6911 12 21	7	24	10	22.5	0.035	
	G3/8	6911 16 17	New	7.5	27	9	32.5	0.060
16	G1/2	6911 16 21	New	9	27	12	32.5	0.063
	G3/4	6911 16 27	New	7.5	32	12	32.5	0.096

6975

Stud Fitting, Male BSPT Thread



Stainless steel 316L, EPDM



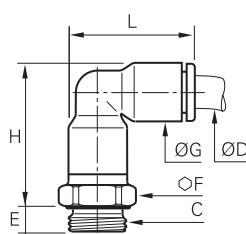
ØD	C	Code	F	F1	H	Kg
4	R1/8	6975 04 10	10	3	9.5	0.005
	R1/4	6975 04 13	14	3	6.5	0.012
6	R1/8	6975 06 10	10	4	11.5	0.005
	R1/4	6975 06 13	14	4	8.5	0.011
	R1/8	6975 08 10	13	5	20	0.011
8	R1/4	6975 08 13	14	6	17	0.014
	R3/8	6975 08 17	17	6	13	0.021
	R1/4	6975 10 13	16	7	20	0.017
10	R3/8	6975 10 17	17	8	16.5	0.019
	R1/2	6975 10 21	21	8	14	0.037
	R3/8	6975 12 17	19	9	24	0.028
12	R1/2	6975 12 21	21	10	19.5	0.036

6959

Stud Elbow, Male BSPP and Metric Thread



Bio-based polymer, stainless steel 316L, EPDM



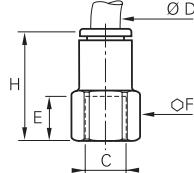
ØD	C	Code	E	F	G	H	L	Kg
	M5x0.8	6959 04 19	3.5	10	8.5	23	19	0.009
4	G1/8	6959 04 10	4.5	13	8.5	22.5	19	0.009
	G1/4	6959 04 13	5.5	16	8.5	22.5	19	0.014
	M5x0.8	6959 06 19	3.5	10	10.5	26.5	22.5	0.008
6	G1/8	6959 06 10	4.5	13	10.5	26.5	22.5	0.011
	G1/4	6959 06 13	5.5	16	10.5	26.5	22.5	0.016
	G1/8	6959 08 10	4.5	13	13.5	35	29.5	0.018
8	G1/4	6959 08 13	5.5	16	13.5	33	29.5	0.020
	G3/8	6959 08 17	5.5	21	13.5	33	29.5	0.028
	G1/4	6959 10 13	5.5	16	16	40.5	34	0.029
10	G3/8	6959 10 17	5.5	21	16	39	34	0.037
	G1/2	6959 10 21	7	24	16	39	34	0.042
	G3/8	6959 12 17	5.5	21	19	42	40	0.040
12	G1/2	6959 12 21	7	24	19	42	40	0.049
	G3/8	6959 16 17	New	7.5	27	27	54	0.088
16	G1/2	6959 16 21	New	9	27	27	55	0.084
	G3/4	6959 16 27	New	10.5	32	27	55	0.120

6974

Stud Fitting, Female BSPP



Stainless steel 316L, EPDM



ØD	C	Code	E	F	H	kg
	G3/8	6974 16 17	17	27	44	0,060
16	G1/2	6974 16 21	21.5	27	17	0,065
	G3/4	6974 16 27	19	32	47	0,097

Stud Fittings with Stainless Steel Adaptor

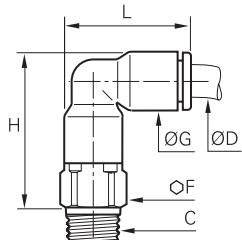


6979

Stud Elbow, Male BSPT Thread



Bio-based polymer, stainless steel
316L, EPDM



ØD	C	Code	F	G	H	L	Kg
4	R1/8	6979 04 10	10	8.5	23	19	0.008
	R1/4	6979 04 13	14	8.5	23.5	19	0.018
6	R1/8	6979 06 10	10	10.5	27	22.5	0.010
	R1/4	6979 06 13	14	10.5	27.5	22.5	0.020
8	R1/8	6979 08 10	13	13.5	33.5	29.5	0.018
	R1/4	6979 08 13	14	13.5	32.5	29.5	0.022
	R3/8	6979 08 17	17	13.5	33	29.5	0.032
10	R1/4	6979 10 13	15	16	39.5	34	0.031
	R3/8	6979 10 17	17	16	39.5	34	0.041
	R1/2	6979 10 21	21	16	39.5	34	0.060
12	R3/8	6979 12 17	19	19	45.5	40.5	0.051
	R1/2	6979 12 21	21	19	45.5	40.5	0.065

Advanced PE Tubing

Parker Legris "Advanced PE" 50% reticulated is designed for demanding environments, especially that of water treatment, without compromising operator **safety**.



Product Advantages

Advanced PE

- 50% reticulated material
- Best balance between flexibility and pressure/temperature resistance
- Resistant to a wide range of aggressive chemicals
- UV-stabilised: ideal for outdoor applications
- Approved for permanent contact with food and beverages
- Silicone-free

Applications

Beverage
Chemical
Petrochemical
Food Process
Water
Water Treatment

Technical Characteristics

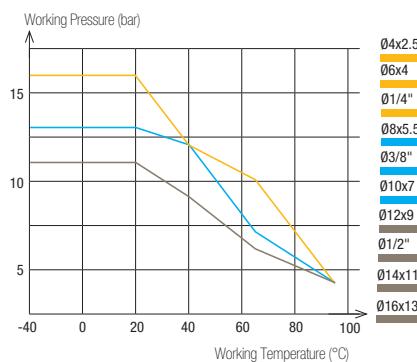
Compatible Fluids	Water, beverages and other fluids
Working Pressure	Vacuum to 16 bar
Working Temperature	-40°C to +95°C
Component Materials	High quality polyethylene: 50% reticulated PE

Regulations

Advanced PE Tubing
FDA: 21 CFR 177.1520
RG: 1935/2004/EC
DI: 97/23/EC (PED)
DI: 2002/95/EC (RoHS), 2011/65/EC
NSF 42/58 (1/4" and 3/8" approved for 10 bar and 1/2" approved for 8 bar at room temperature)
NSF 51, 61 C-HOT
ACS (except for purple colour)
WRAS
RG: 1907/2006 (REACH)
NSF 42/58
KTW
W270

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

Tubing Performance



To calculate burst pressure, the values in these graphs should be multiplied by 3.

Tube O.D.	Tube O.D. Tolerance
1/4" to 1/2"	+0.10 / -0.10
4 to 16 mm	+0.10 / -0.10

Connected to Parker Legris push-in fittings, the calibration of Parker Legris tubing ensures perfect sealing.

Packaging

Advanced PE Tubing
Drum: 150 m, 300 m
250 feet, 500 feet, 1000 feet

1015Y..F Advanced Polyethylene (APE) Tubing

Drum 150 m

Ø ext. (mm)	Ø int. (mm)	 R							kg
6	4	32	1015Y06F00	1015Y06F01			1015Y06F04	1015Y06F10	5.434
8	5.75	40	1015Y08F00	1015Y08F01	1015Y08F02	1015Y08F03	1015Y08F04	1015Y08F10	3.279
10	7	40	1015Y10F00	1015Y10F01	1015Y10F02	1015Y10F03	1015Y10F04	1015Y10F10	5.318

1030Y..F Advanced Polyethylene (APE) Tubing

Drum 300 m

Ø ext. (mm)	Ø int. (mm)	 R							kg
4	2.5	16	1030Y04F00	1030Y04F01					2.860
6	4	32	1030Y06F00	1030Y06F01	1030Y06F02	1030Y06F03	1030Y06F04	1030Y06F10	5.318

1075Y..F Advanced Polyethylene (APE) Tubing

Drum 75 m

Ø ext. (mm)	Ø int. (mm)	 R							kg
12	9	55	1075Y12F00	1075Y12F01	1075Y12F02	1075Y12F03	1075Y12F04	1075Y12F10	3.852
14	11	75	1075Y14F00						5.850
16	13	95	1075Y16F00						7.550

1096Y..F Advanced Polyethylene (APE) Tubing

Drum 250 ft

Ø ext. (inch)	Ø int. (inch)	 R				kg
1/2	0.375	1.96	1096Y62F00	1096Y62F01	1096Y62F04	4.200

1098Y..F Advanced Polyethylene (APE) Tubing

Drum 500 ft

Ø ext. (inch)	Ø int. (inch)	 R				kg
1/4	0.170	0.78	1098Y56F00	1098Y56F01	1098Y56F04	2.334
3/8	0.250	1.18	1098Y60F00	1098Y60F01	1098Y60F04	5.518

LIQUIfit® Non-Return Valves

LIQUIfit® non-return valves meet the requirements for conveying **beverages**. They allow flow in one direction and prevent any return flow. Fitted in the circuit, they provide **total protection**.

Product Advantages

Suitable for Beverage Applications

- Fully compatible for use with water, beverages and liquid food-stuffs (liquids and gas)
- Very low cracking threshold
- Excellent chemical compatibility
- Resistant to cleaning products
- Hygienic design with smooth surfaces
- Fluid direction indicated
- EPDM sealing technology



Water Softeners
Water Treatment
Water Purification
Drinks Dispensers
Hot & Cold Water Systems

Applications

Technical Characteristics

Compatible Fluids	Water, beverages, liquid foodstuffs
Working Pressure	1 to 10 bar
Working Temperature	1°C to +65°C
Cracking Pressure	0.02 bar up to O.D. 3/8" 0.03 bar for O.D. 1/2"

Component Materials



Release button: technical polymer
Teeth: stainless steel

Silicone-free

Regulations

DI: 2002/95/EC (RoHS), 2011/65/EC
FDA: 21 CFR 177.1550
NSF 51
RG: 1907/2006 (REACH)

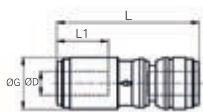
LIQUIfit® Non-Return Valves

7992

Single Non-Return Valve



POM, EPDM



ØD



G L L1 kg

6	7992 06 00WP2	15.5	45.5	16	0.007
8	7992 08 00WP2	17.5	48.5	17.5	0.010
10	7992 10 00WP2	20	57.5	19	0.014
12	7992 12 00WP2	23.5	67.5	24	0.022

7992

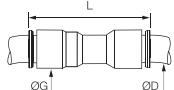
Single Non-Return Valve



Inch



POM, EPDM



ØD



G L kg

1/4	7992 56 00WP2	17	51	0.008
5/16	7992 08 00WP2	17	53	0.010
3/8	7992 60 00WP2	20	55	0.011
1/2	7992 62 00WP2	25	68	0.015

LIQUIfit® Ball Valves

This range of valves offers an innovative solution in the treatment of **water and the handling of beverages** while protecting **health**. These **compact and reliable** valves offer perfect **sealing** and excellent **cleanliness**.

Product Advantages

Innovative Technology & Increased Reliability

Full flow to limit turbulence
Full-flow self-cleaning ball maintains the cleanliness of the circuit
Tube retention with gripping ring prevents pumping effect
Push-in connection and disconnection
Sealing technology using patented EPDM seal

High Performance

Inert technical polymer providing the best mechanical strength, thermal and chemical resistance
Carstick® connection providing resistance to water hammer
Other configurations available on request



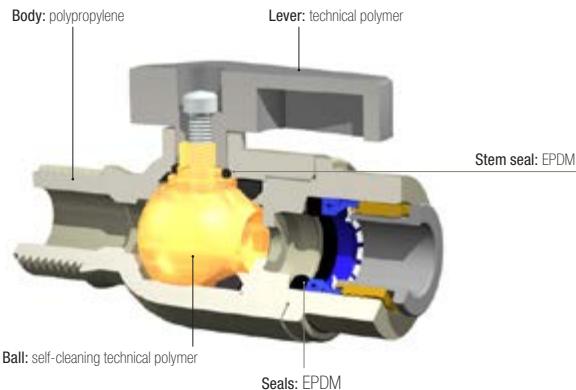
Beverage Dispensers
Inert Gases
Cooling
Food Process
Water Purification
Water Coolers

Applications

Technical Characteristics

Compatible Fluids	Water, drinks, beverages		
Working Pressure	0 to 10 bar at 20°C		
Working Temperature	-15°C to +100°C		
Tightening Torques	Threads	1/4" NPTF	3/8" NPTF
	daN.m	1.5	3

Component Materials



Silicone-free

Regulations

FDA: 21 CFR
NSF: 51
WQA: Water Quality Association
RG: 1907/2006 (REACH)



Parker Legris :

Connecting You to the Best in Technology
Master Catalogue



ENGINEERING YOUR SUCCESS.

