

# 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

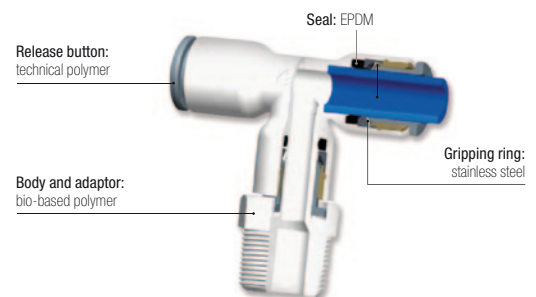
Applications

## Technical Characteristics

<b>Compatible Fluids</b>	Water, beverages, CO <sub>2</sub> (inert use) Chemical fluids: please consult us		
<b>Working Pressure</b>	Vacuum to 16 bar		
<b>Working Temperature</b>	-10°C to +95°C		
<b>Tightening Torques (BSPT/NPTF)</b>	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  
KTW: fittings, on request  
WRAS  
ACS

# Range of LIQUIfit® Push-In Fittings

## Stud Fittings

### Straights

**6505** BSPT Page 1-48  
**6315** BSPT Page 1-48  
**6353** BSPP Page 1-49  
**6521** BSPT Page 1-50



### Straights - Inch

**6505** NPTF/BSPT Page 1-48  
**6315** NPTF Page 1-49  
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### Carstick®

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### Carstick® - Inch

**6300** Page 1-50



### Elbows

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### Elbows - Inch

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### Tees

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**6503** BSPT Page 1-53



### Tees - Inch

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### Plugs

**6355** BSPT Page 1-53



## Tube-to-Tube Fittings

### Straight

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### Straight - Inch

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### Elbow

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### Elbow - Inch

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### Tee

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### Tee - Inch

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### Y

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### Y - Inch

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### Cross

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### Cross - Inch

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## Bulkhead Connectors

### Straight

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### Straight - Inch

**6316** Page 1-56



## Plug-In Fittings and Accessories

### Elbows

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### Elbow - Inch

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### Tees

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### Tee - Inch

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### Accessories

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### Accessories - Inch

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# Range of LIQUIfit+ Push-In Fittings

## Stud Fittings

Straight - Inch

**6333**

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## Tube-to-Tube Fittings

Straight - Inch

Elbow - Inch

**6336**

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**6332**

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## Plug-In Fittings

Elbow - Inch

**6331**

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## LIQUIfit® and LIQUIfit+ Accessories

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**3110**

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**0605**

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## Part Number Construction

Example: **6505 08 17WP2**

**6505**

### Article Type

65XX = LIQUIfit® (without pre-coating)

63XX = LIQUIfit®

633X = LIQUIfit+

### Product Type

XX05 = Male Stud Fitting

XX79 = Fixed Elbow

**08**

### Tube O.D.

4

6

8

10

12

**17**

### Thread Code

10: 1/8 BSPT

13: 1/4 BSPT

17: 3/8 BSPT

21: 1/2 BSPT

27: 3/4 BSPT

**W**

### Colour

W = White

**P2**

### Packaging

P2 = Standard (< 10 pieces)

P3 = High volumes (< 100 pieces)

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

-10°C		Pressure (bar)	
mm Ø	inch Ø	Fittings	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

+1°C		Pressure (bar)	
mm Ø	inch Ø	Fittings	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

+20°C		Pressure (bar)	
mm Ø	inch Ø	Fittings	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

+40°C		Pressure (bar)	
mm Ø	inch Ø	Fittings	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

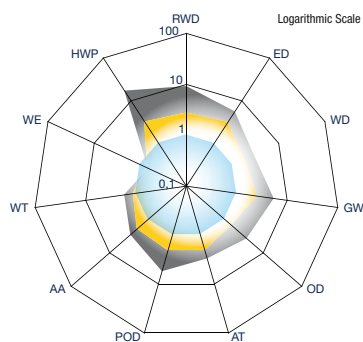
+65°C		Pressure (bar)	
mm Ø	inch Ø	Fittings	Tubing
4	5/32	10	10
6	1/4	10	10
8	5/16	10	10
10	3/8	7	7
12	1/2	7	7

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

LIQUIfit®

## Environmental Footprint

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



**Double Union**  
 □ Market Standard in POM  
 □ Market Standard in PP  
 □ PARKER LEGRIS

## LIQUIfit® Tube-to-Tube Connector



## Market Standard 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  
 AT: Air Toxicity

POC: Photochemical Ozone Creation  
 AA: Air Acidification  
 WT: Water Toxicity  
 WE: Water Eutrophication  
 HWP: Hazardous Waste Production

# Stud Fittings


## 6505 Stud Fitting, Male BSPT Thread

Bio-based polymer, EPDM		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		
	R3/8	6505 10 17WP2	19	7	21.5	0.007		
12	R1/2	6505 10 21WP2	22	7	21.5	0.010		
	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 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


Inch

Bio-based polymer, EPDM		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 in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).  
Thread without pre-coating.  
6505 56 18WP3, 6505 60 11WP3 and 6505 60 22WP3 are also available.


## 6505 Stud Fitting, Male BSPT Thread

Inch

Bio-based polymer, EPDM		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	R1/4	6505 60 13WP2	17	7	22	0.006		
	R3/8	6505 60 17WP2	19	7	22	0.006		
1/2	R1/2	6505 60 21WP2	22	7	28	0.012		
	R3/8	6505 62 17WP2	24	9	28	0.014		
	R1/2	6505 62 21WP2	24	9	28	0.017		

These part numbers are also available 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.

## 6315 Stud Fitting, Female BSPT Thread


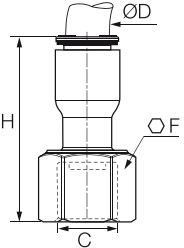

Bio-based polymer, EPDM		ØD	C		F	H	kg
6	R1/8	6315 06 10WP2	13	32	0.003		
	R1/4	6315 06 13WP2	16	33	0.004		
8	R1/4	6315 08 13WP2	16	33.5	0.004		
	R3/8	6315 08 17WP2	20	36	0.009		

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

# Stud Fittings


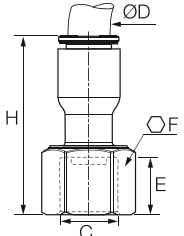

## 6315 Stud Fitting, Female NPTF Thread

Inch

	<p>Bio-based polymer, EPDM</p> 	<p><b>ØD</b>   <b>C</b>   </p>	<b>F</b>	<b>H</b>	<b>kg</b>
		<p>1/4   NPT1/4   <a href="#">6315 56 14WP2</a></p> <p>3/8   NPT3/8   <a href="#">6315 60 18WP2</a></p>	11/16	30	0.003

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


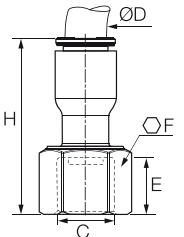

## 6353 Tap Connector Cone Type, Female BSPP Thread

	<p>Bio-based polymer, EPDM</p> 	<p><b>ØD</b>   <b>C</b>   </p>	<b>E</b>	<b>F</b>	<b>H</b>	<b>kg</b>
		<p>6   G3/4   <a href="#">6353 06 27WP2</a></p> <p>8   G3/4   <a href="#">6353 08 27WP2</a></p> <p>10   G1/2   <a href="#">6353 10 21WP2</a></p>	10	32	32	0.011

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

## 6353 Tap Connector Cone Type, Female BSPP Thread


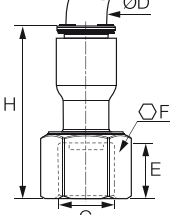

Inch

	<p>Bio-based polymer, EPDM</p> 	<p><b>ØD</b>   <b>C</b>   </p>	<b>E</b>	<b>F</b>	<b>H</b>	<b>kg</b>	
		<p>1/4   G3/4   <a href="#">6353 56 27WP2</a></p> <p>3/8   G1/2   <a href="#">6353 60 21WP2</a></p> <p>          G3/4   <a href="#">6353 60 27WP2</a></p> <p>1/2   G3/4   <a href="#">6353 62 27WP2</a></p>	10	32	31	0.006	0.011

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

## 6352 Stud Fitting Flat Type, Female BSPP Thread


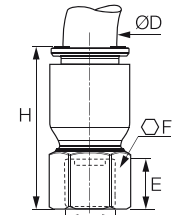

Inch

	<p>Bio-based polymer, EPDM</p> 	<p><b>ØD</b>   <b>C</b>   </p>	<b>E</b>	<b>F</b>	<b>H</b>	<b>kg</b>		
		<p>5/16   G1/2   <a href="#">6352 08 21WP2</a></p> <p>          G5/8   <a href="#">6352 08 23WP2</a></p> <p>3/8   G3/8   <a href="#">6352 60 17WP2</a></p> <p>          G1/2   <a href="#">6352 60 21WP2</a></p> <p>1/2   G5/8   <a href="#">6352 62 23WP2</a></p>	10.5	27	37	0.009	0.013	0.008

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

## 6325 Faucet Connector, Female UNS Thread


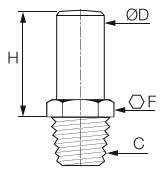


Inch

	<p>Bio-based polymer, EPDM</p> 	<p><b>ØD</b>   <b>C</b>   </p>	<b>E</b>	<b>F</b>	<b>H</b>	<b>kg</b>
		<p>1/4   UNS7/16-24   <a href="#">6325 56 133WP2</a></p> <p>3/8   UNS7/16-24   <a href="#">6325 60 133WP2</a></p>	7	9/16	31	0.002

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

# Stud Fittings


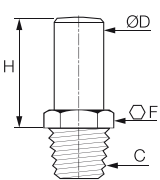


## 6521 Stud Standpipe, Male BSPT Thread

	Bio-based polymer		ØD	C		F	H	kg
			6	R1/8	<a href="#">6521 06 10WP2</a>	13	19	0.002
			6	R1/4	<a href="#">6521 06 13WP2</a>	14	19	0.003
				R3/8	<a href="#">6521 06 17WP2</a>	17	19	0.004
				R1/8	<a href="#">6521 08 10WP2</a>	19	23	0.003
			8	R1/4	<a href="#">6521 08 13WP2</a>	19	23	0.004
				R3/8	<a href="#">6521 08 17WP2</a>	19	23	0.004
				R1/4	<a href="#">6521 10 13WP2</a>	19	25	0.004
			10	R3/8	<a href="#">6521 10 17WP2</a>	19	25	0.005
				R1/2	<a href="#">6521 10 21WP2</a>	22	25	0.008
				R3/8	<a href="#">6521 12 17WP2</a>	22	28	0.005
			12	R1/2	<a href="#">6521 12 21WP2</a>	22	28	0.007

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

## 6521 Stud Standpipe, Male NPTF Thread


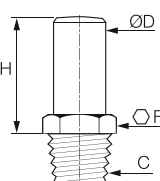


Inch

	Bio-based polymer		ØD	C		F	H	kg
			1/4	NPT1/8	<a href="#">6521 56 11WP2</a>	1/2	19	0.001
			1/4	NPT1/4	<a href="#">6521 56 14WP2</a>	1/2	19	0.002
				NPT3/8	<a href="#">6521 56 18WP2</a>	3/4	19.5	0.004
				NPT1/4	<a href="#">6521 60 14WP2</a>	3/4	25	0.004
			3/8	NPT3/8	<a href="#">6521 60 18WP2</a>	3/4	25	0.004
				NPT3/8	<a href="#">6521 62 18WP2</a>	15/16	31	0.010
				NPT1/2	<a href="#">6521 62 22WP2</a>	15/16	32.5	0.013

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


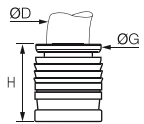


## 6521 Stud Standpipe, Male BSPT Thread

Inch

	Bio-based polymer		ØD	C		F	H	kg
			1/4	R1/8	<a href="#">6521 56 10WP2</a>	14	19	0.001
			1/4	R1/4	<a href="#">6521 56 13WP2</a>	14	19	0.002
				R3/8	<a href="#">6521 56 17WP2</a>	17	19	0.004
				R1/4	<a href="#">6521 60 13WP2</a>	19	25	0.004
			3/8	R3/8	<a href="#">6521 60 17WP2</a>	19	25	0.004
				R3/8	<a href="#">6521 62 17WP2</a>	24	31.5	0.006
				R1/2	<a href="#">6521 62 21WP2</a>	24	31.5	0.009

These part numbers are also available 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.


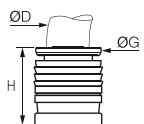


## 6300 LIQUIfit® Cartridge

	Brass, EPDM		ØD		G	H	kg
			4	<a href="#">6300 04 00</a>	8	10	0.002
			6	<a href="#">6300 06 00</a>	10	11.5	0.002
			8	<a href="#">6300 08 00</a>	13	15	0.003
			10	<a href="#">6300 10 00</a>	15.5	17	0.005
			12	<a href="#">6300 12 00</a>	18.5	19.5	0.010

50 cartridges per Carstick®  
Cavity dimensions are available in Chapter 2.

## 6300 LIQUIfit® Cartridge


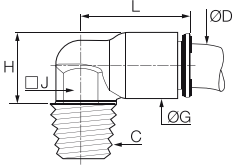

Inch

	Brass, EPDM		ØD		G	H	kg
			1/4	<a href="#">6300 56 00</a>	10.5	12.5	0.002
			3/8	<a href="#">6300 60 00</a>	15.5	17	0.005
			1/2	<a href="#">6300 62 00</a>	22	23	0.011


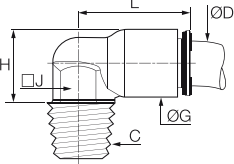

50 cartridges per Carstick®  
5/32" (4 mm) and 5/16" (8 mm) also available.  
Cavity dimensions are available in Chapter 2.

# Stud Fittings


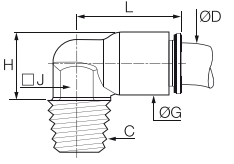

## 6579 Fixed Elbow, Male BSPT Thread

		Bio-based polymer, EPDM		<b>ØD</b>	<b>C</b>		<b>G</b>	<b>H</b>	<b>J</b>	<b>L</b>	<b>kg</b>	
		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				
These part numbers are also available in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters). Thread without pre-coating.												


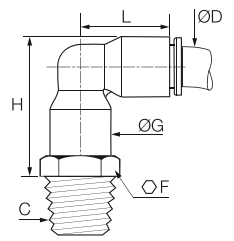

## 6579 Fixed Elbow, Male NPTF Thread Inch

		Bio-based polymer, EPDM		<b>ØD</b>	<b>C</b>		<b>G</b>	<b>H</b>	<b>J</b>	<b>L</b>	<b>kg</b>	
		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			
			NPT3/8	6579 56 18WP2	11	26.5	3/8	18	0.004			
		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					
These part numbers are also available in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters). Thread without pre-coating.												

## 6579 Fixed Elbow, Male BSPT Thread Inch

		Bio-based polymer, EPDM		<b>ØD</b>	<b>C</b>		<b>G</b>	<b>H</b>	<b>J</b>	<b>L</b>	<b>kg</b>	
		1/4	R1/8	6579 56 10WP2	11	22	10	18	0.002			
			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			
These part numbers are also available in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters). Thread without pre-coating.												

## 6509 Stud Elbow, Male BSPT Thread

		Bio-based polymer, EPDM		<b>ØD</b>	<b>C</b>		<b>F</b>	<b>G</b>	<b>H</b>	<b>L</b>	<b>kg</b>			
		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 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.												

### Complementary LIQUIfit® Range Products

The other LIQUIfit® range products are presented in the corresponding chapters of this catalogue:

#### Technical Tubing and Hose

##### Advanced PE

P. 3-26



#### Function Fittings

##### Non-Return Valves

P. 4-44



#### Industrial Ball Valves

##### LIQUIfit® Ball Valves

P. 6-34





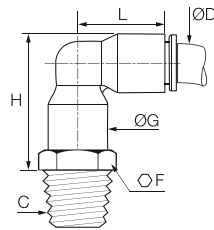
# Stud Fittings

## 6509 Elbow, Male NPTF Thread

Inch



Bio-based polymer, EPDM



ØD	C		F	G	H	L	kg
1/4	NPT1/8	6509 56 11WP2	1/2	11	28	23.5	0.003
	NPT1/4	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
3/8	NPT1/4	6509 60 14WP2	3/4	16	38	34	0.010
	NPT3/8	6509 60 18WP2	3/4	16	38	34	0.011
1/2	NPT3/8	6509 62 18WP2	15/16	22	50.5	46.5	0.024
	NPT1/2	6509 62 22WP2	15/16	22	51.5	46.5	0.027

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

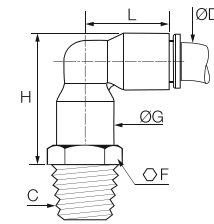
Thread without pre-coating; the body swivels for positioning purposes.

## 6509 Elbow, Male BSPT Thread

Inch



Bio-based polymer, EPDM



ØD	C		F	G	H	L	kg
1/4	R1/8	6509 56 10WP2	14	11	28	23.5	0.003
	R1/4	6509 56 13WP2	14	11	28	23.5	0.004
	R3/8	6509 56 17WP2	17	11	28	23.5	0.006
3/8	R1/4	6509 60 13WP2	19	16	38	34	0.010
	R3/8	6509 60 17WP2	19	16	38	34	0.011
1/2	R3/8	6509 62 17WP2	24	22	50.5	46.5	0.024
	R1/2	6509 62 21WP2	24	22	50.5	46.5	0.027

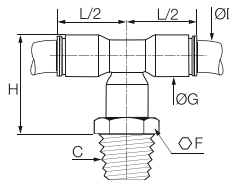
These part numbers are also available in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters). 5/32" (4 mm) and 5/16" (8 mm) also available.

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

## 6508 Branch Tee, Male BSPT Thread



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

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

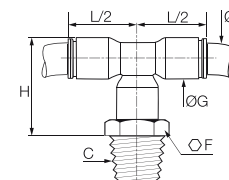
Thread without pre-coating; the body swivels for positioning purposes.

## 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
	NPT1/4	6508 56 14WP2	9/16	11	28	18	0.005
	NPT3/8	6508 56 18WP2	3/4	11	29	18	0.007
3/8	NPT1/4	6508 60 14WP2	3/4	16	38	26	0.013
	NPT3/8	6508 60 18WP2	3/4	16	38	26	0.013
1/2	NPT3/8	6508 62 18WP2	15/16	22	50	35.5	0.031
	NPT1/2	6508 62 22WP2	15/16	22	51	35.5	0.034


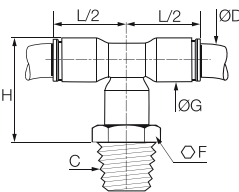

These part numbers are also available in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

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

# Stud Fittings


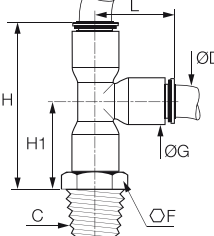

## 6508 Branch Tee, Male BSPT Thread

Inch

		<b>ØD</b>	<b>C</b>		<b>F</b>	<b>G</b>	<b>H</b>	<b>L/2</b>	<b>kg</b>
		R1/8	6508 56 10WP2		13	11	28	18	0.004
		1/4	R1/4 6508 56 13WP2		14	11	28	18	0.005
			R3/8 6508 56 17WP2		17	11	28	18	0.007
		3/8	R1/4 6508 60 13WP2		19	16	38	26	0.013
			R3/8 6508 60 17WP2		19	16	38	26	0.013
		1/2	R3/8 6508 62 17WP2		24	22	50	35.5	0.032
			R1/2 6508 62 21WP2		24	22	50	35.5	0.032

These part numbers are also available 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; the body swivels for positioning purposes.


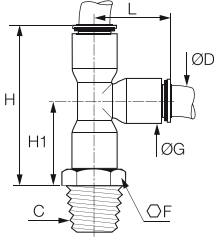

## 6503 Run Tee, Male BSPT Thread

		<b>ØD</b>	<b>C</b>		<b>F</b>	<b>G</b>	<b>H</b>	<b>H1</b>	<b>L</b>	<b>kg</b>
		R1/8	6503 06 10WP2		13	10.5	40	22	18.5	0.008
		6	R1/4 6503 06 13WP2		14	10.5	40	22	18.5	0.009
			R3/8 6503 06 17WP2		17	10.5	40	22	18.5	0.010
		8	R1/8 6503 08 10WP2		19	13.5	50	27	23	0.012
			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
		10	R1/4 6503 10 13WP2		19	16	56.5	30	26.5	0.018
			R3/8 6503 10 17WP2		19	16	56.5	30	26.5	0.019
			R1/2 6503 10 21WP2		22	16	56.5	30	26.5	0.022
		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

These part numbers are also available 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.

## 6503 Run Tee, Male NPTF Thread


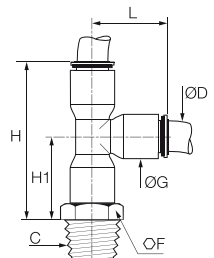

Inch

		<b>ØD</b>	<b>C</b>		<b>F</b>	<b>G</b>	<b>H</b>	<b>H1</b>	<b>L</b>	<b>kg</b>
		NPT1/8	6503 56 11WP2		1/2	11	40.5	22.5	18	0.004
		1/4	NPT1/4 6503 56 14WP2		9/16	11	40.5	22.5	18	0.005
			NPT3/8 6503 56 18WP2		3/4	11	41.5	23	18	0.007
		3/8	NPT1/4 6503 60 14WP2		3/4	16	56	30	26	0.013
			NPT3/8 6503 60 18WP2		3/4	16	56	30	26	0.013
		1/2	NPT3/8 6503 62 18WP2		15/16	22	75	39.5	35.5	0.031
			NPT1/2 6503 62 22WP2		15/16	22	76	40.5	35.5	0.035

These part numbers are also available 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.


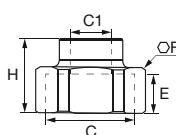

## 6503 Run Tee, Male BSPT Thread

Inch

		<b>ØD</b>	<b>C</b>		<b>F</b>	<b>G</b>	<b>H</b>	<b>H1</b>	<b>L</b>	<b>kg</b>
		R1/8	6503 56 10WP2		13	11	41.5	22.5	18	0.004
		1/4	R1/4 6503 56 13WP2		14	11	41.5	22.5	18	0.005
			R3/8 6503 56 17WP2		17	11	41.5	23	18	0.007
		3/8	R1/4 6503 60 13WP2		19	16	56	30	26	0.013
			R3/8 6503 60 17WP2		19	16	56	30	26	0.013
		1/2	R3/8 6503 62 17WP2		24	22	75	39.5	35.5	0.032
			R1/2 6503 62 21WP2		24	22	75	39.5	35.5	0.035

These part numbers are also available 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; the body swivels for positioning purposes.



## 6355 Unequal Connector, Female BSPP Thread

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

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

# Tube-to-Tube Fittings



## 6306 Equal and Unequal Tube-to-Tube Connector

		Bio-based polymer, EPDM			G	L	kg
	4	4	<a href="#">6306 04 00WP2</a>		8.5	26.5	0.002
		6	<a href="#">6306 04 06WP2</a>		10.5	29	0.002
		8	<a href="#">6306 04 08WP2</a>		13.5	37	0.005
	6	6	<a href="#">6306 06 00WP2</a>		10.5	30	0.004
		8	<a href="#">6306 06 08WP2</a>		13.5	37	0.005
		10	<a href="#">6306 06 10WP2</a>		16	42	0.007
	8	8	<a href="#">6306 08 00WP2</a>		13.5	37	0.004
		10	<a href="#">6306 08 10WP2</a>		16	42	0.007
		12	<a href="#">6306 08 12WP2</a>		19	50	0.012
	10	10	<a href="#">6306 10 00WP2</a>		16	42	0.009
		12	<a href="#">6306 10 12WP2</a>		19	50	0.013
	12	12	<a href="#">6306 12 00WP2</a>		19	50.5	0.009

These part numbers are also available 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			G	L	kg
	5/16	3/8	<a href="#">6306 08 60WP2</a>		16	42	0.008
		1/2	<a href="#">6306 08 62WP2</a>		22	55	0.018
	1/4	1/4	<a href="#">6306 56 00WP2</a>		11	30	0.002
		5/16	<a href="#">6306 56 08WP2</a>		13.5	37	0.007
	3/8	3/8	<a href="#">6306 56 60WP2</a>		16	41	0.007
		1/2	<a href="#">6306 60 00WP2</a>		16	42	0.006
	3/8	1/2	<a href="#">6306 60 62WP2</a>		22	56	0.020
		1/2	<a href="#">6306 62 00WP2</a>		22	57	0.016

These part numbers are also available 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			G	L	kg
	4	4	<a href="#">6302 04 00WP2</a>		8.5	19	0.002
		6	<a href="#">6302 04 06WP2</a>		10.5	24	0.004
	6	6	<a href="#">6302 06 00WP2</a>		10.5	24	0.004
		8	<a href="#">6302 06 08WP2</a>		13.5	29.5	0.006
	8	8	<a href="#">6302 08 00WP2</a>		13.5	29	0.004
		10	<a href="#">6302 08 10WP2</a>		16	34.5	0.008
	10	10	<a href="#">6302 10 00WP2</a>		16	34.5	0.005
		12	<a href="#">6302 10 12WP2</a>		19	40.5	0.013
	12	12	<a href="#">6302 12 00WP2</a>		19	40.5	0.010

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

## 6302 Equal and Unequal Elbow


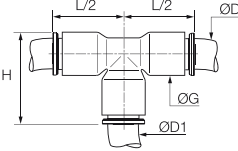

Inch

		Bio-based polymer, EPDM			G	L	kg
	5/16	3/8	<a href="#">6302 08 60WP2</a>		16	34	0.009
		1/4	<a href="#">6302 56 00WP2</a>		11	24	0.005
	1/4	5/16	<a href="#">6302 56 08WP2</a>		13.5	29.5	0.006
		3/8	<a href="#">6302 56 60WP2</a>		16	34	0.008
	3/8	3/8	<a href="#">6302 60 00WP2</a>		16	34	0.006
		1/2	<a href="#">6302 60 62WP2</a>		22	46.5	0.011
	1/2	1/2	<a href="#">6302 62 00WP2</a>		22	46.5	0.017

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

# Tube-to-Tube Fittings


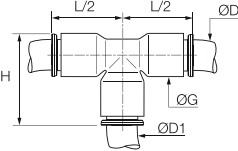

## 6304 Equal Tee

	Bio-based polymer, EPDM		ØD	ØD1		G	H	L/2	kg
			4	4		<a href="#">6304 04 00WP2</a>	8.5	20	15.5
6	6	<a href="#">6304 06 00WP2</a>	10.5	23	18	0.006			
8	8	<a href="#">6304 08 00WP2</a>	13.5	29	22.5	0.006			
10	10	<a href="#">6304 10 00WP2</a>	16	34.5	26.5	0.009			
12	12	<a href="#">6304 12 00WP2</a>	19	40	31	0.014			

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


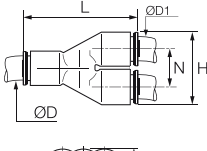

## 6304 Equal and Unequal Tee

Inch

	Bio-based polymer, EPDM		ØD	ØD1		G	H	L/2	kg
			1/4	1/4		<a href="#">6304 56 00WP2</a>	11	24	18
3/8	3/8	<a href="#">6304 60 00WP2</a>	16	34	26	0.009			
	1/4	<a href="#">6304 60 56WP2</a>	16	34	26	0.011			
1/2	1/2	<a href="#">6304 62 00WP2</a>	22	47	36	0.027			
	3/8	<a href="#">6304 62 60WP2</a>	22	47	36	0.009			

These part numbers are also available 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.


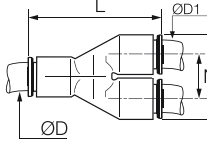

## 6340 Equal Single Y Piece

	Bio-based polymer, EPDM		ØD	ØD1		H	K	L	N	kg
			4	4		<a href="#">6340 04 00WP2</a>	17.5	8.5	30	9
6	6	<a href="#">6340 06 00WP2</a>	21.5	10.5	36.5	11	0.008			
8	8	<a href="#">6340 08 00WP2</a>	28	13.5	44.5	14.5	0.007			
10	10	<a href="#">6340 10 00WP2</a>	33	16	53	17	0.010			
12	12	<a href="#">6340 12 00WP2</a>	39	19	60.5	20	0.025			

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

## 6340 Equal Single Y Piece


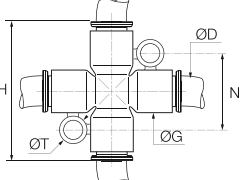

Inch

	Bio-based polymer, EPDM		ØD	ØD1		H	K	L	N	kg
			1/4	1/4		<a href="#">6340 56 00WP2</a>	22	11	36	11.5
3/8	3/8	<a href="#">6340 60 00WP2</a>	33	16	53	17	0.011			
1/2	1/2	<a href="#">6340 62 00WP2</a>	45	22	67	23	0.028			

These part numbers are also available 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


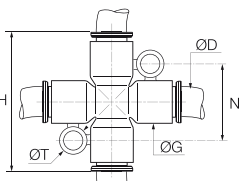

## 6307 Equal Cross

	Bio-based polymer, EPDM 	<b>ØD</b> 	<b>G</b>	<b>H</b>	<b>N</b>	<b>ØT</b>	<b>kg</b>	
		6	<a href="#">6307 06 00WP2</a>	11	36	20	4.2	0.005
		8	<a href="#">6307 08 00WP2</a>	13.5	45	22.5	4.2	0.020

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


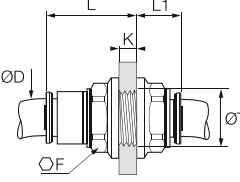

## 6307 Equal Cross

Inch

	Bio-based polymer, EPDM 	<b>ØD</b> 	<b>G</b>	<b>H</b>	<b>N</b>	<b>ØT</b>	<b>kg</b>
		1/4	<a href="#">6307 56 00WP2</a>	11	36	20	4.2

These part numbers are also available 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.


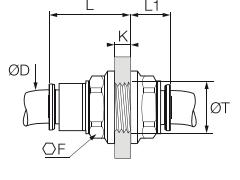

## 6316 Equal Bulkhead Union

	Bio-based polymer, EPDM 	<b>ØD</b> 	<b>F</b>	<b>K max</b>	<b>L</b>	<b>L1</b>	<b>ØT min</b>	<b>kg</b>	
		4	<a href="#">6316 04 00WP2</a>	13	5.5	15.5	10.5	10.5	0.018
		6	<a href="#">6316 06 00WP2</a>	15	8.5	20	10	12.5	0.004
		8	<a href="#">6316 08 00WP2</a>	18	14.5	27	10.5	15.5	0.007
		10	<a href="#">6316 10 00WP2</a>	22	14.5	30	13	18.5	0.012
		12	<a href="#">6316 12 00WP2</a>	26	18.5	35	15.5	22.5	0.020

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

## 6316 Equal Bulkhead Union


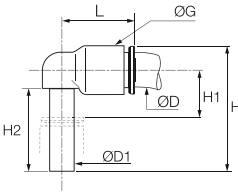

Inch

	Bio-based polymer, EPDM 	<b>ØD</b> 	<b>F</b>	<b>K max</b>	<b>L</b>	<b>L1</b>	<b>ØT min</b>	<b>kg</b>	
		1/4	<a href="#">6316 56 00WP2</a>	15	8.5	20	10	12.5	0.004
		3/8	<a href="#">6316 60 00WP2</a>	22	14.5	29.5	12.5	18.5	0.012
		1/2	<a href="#">6316 62 00WP2</a>	29	20.5	40.5	17	25.5	0.030

These part numbers are also available 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.

# Plug-In Fittings and Accessories


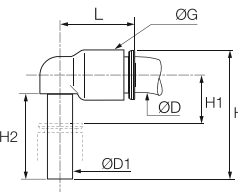

## 6382 Equal and Unequal Plug-In Elbow

	Bio-based polymer, EPDM 	<b>ØD</b>	<b>ØD1</b>		<b>G</b>	<b>H</b>	<b>H1</b>	<b>H2</b>	<b>L</b>	<b>kg</b>
		4	4	<a href="#">6382 04 00WP2</a>	8.5	23	6	15.5	15	0.003
			6	<a href="#">6382 04 06WP2</a>	10.5	26.5	7	17	16.5	0.002
			6	<a href="#">6382 06 00WP2</a>	10.5	26.5	7	17	17	0.003
			4	<a href="#">6382 06 04WP2</a>	10.5	25	7	15.5	17	0.001
			8	<a href="#">6382 06 08WP2</a>	13.5	33.5	8	21.5	22.5	0.004
			8	<a href="#">6382 08 00WP2</a>	13.5	33.5	8	21.5	22.5	0.004
			10	<a href="#">6382 08 10WP2</a>	16	39	9.5	24.5	26	0.007
			10	<a href="#">6382 10 00WP2</a>	16	39	9.5	24.5	26.5	0.004
			12	<a href="#">6382 10 12WP2</a>	19	44.5	10	27	30	0.011
			12	<a href="#">6382 12 00WP2</a>	19	44.5	10	27	31	0.012

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


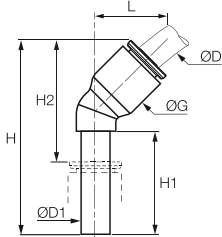

## 6382 Equal and Unequal Plug-In Elbow

Inch

	Bio-based polymer, EPDM 	<b>ØD</b>	<b>ØD1</b>		<b>G</b>	<b>H</b>	<b>H1</b>	<b>H2</b>	<b>L</b>	<b>kg</b>
		5/16	3/8	<a href="#">6382 08 60WP2</a>	16	39	10	24.5	26	0.009
			1/4	<a href="#">6382 56 00WP2</a>	11	30.5	11	18	18	0.002
			3/8	<a href="#">6382 56 60WP2</a>	16	39	9	24.5	25.5	0.006
			3/8	<a href="#">6382 60 00WP2</a>	16	39	9	24.5	26.5	0.005
			1/2	<a href="#">6382 62 00WP2</a>	22	49	13	28.5	36	0.011


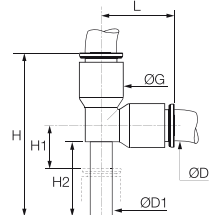

These part numbers are also available in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).  
Equal plug-in elbow: 5/32" (4 mm) and 5/16" (8 mm) also available.

## 6380 Plug-In 45° Equal Elbow

	Bio-based polymer, EPDM 	<b>ØD</b>	<b>ØD1</b>		<b>G</b>	<b>H</b>	<b>H1</b>	<b>H2</b>	<b>L</b>	<b>kg</b>
		4	4	<a href="#">6380 04 00WP2</a>	8.5	33.5	19	21	13	0.001
		6	6	<a href="#">6380 06 00WP2</a>	11	39	21	25	14.5	0.002
		8	8	<a href="#">6380 08 00WP2</a>	13.5	44	21.5	25.5	19.5	0.006
		10	10	<a href="#">6380 10 00WP2</a>	16	53	27	32.5	23	0.004
		12	12	<a href="#">6380 12 00WP2</a>	19	58	27	34	26	0.012


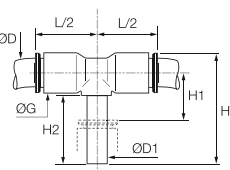

These part numbers are also available in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).

## 6383 Plug-In Equal Run Tee

	Bio-based polymer, EPDM 	<b>ØD</b>	<b>ØD1</b>		<b>G</b>	<b>H</b>	<b>H1</b>	<b>H2</b>	<b>L</b>	<b>kg</b>
		4	4	<a href="#">6383 04 00WP2</a>	8.5	33	6	15.5	15	0.002
		6	6	<a href="#">6383 06 00WP2</a>	10.5	38.5	7	17	18	0.002
		8	8	<a href="#">6383 08 00WP2</a>	13.5	49	8	21.5	23	0.005
		10	10	<a href="#">6383 10 00WP2</a>	16	57	10.5	25.5	26.5	0.012
		12	12	<a href="#">6383 12 00WP2</a>	19	65	13	31	31	0.016

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

## 6388 Plug-In Equal Branch Tee


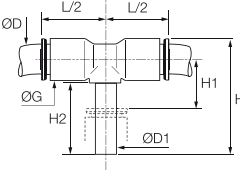

	Bio-based polymer, EPDM 	<b>ØD</b>	<b>ØD1</b>		<b>G</b>	<b>H</b>	<b>H1</b>	<b>H2</b>	<b>L/2</b>	<b>kg</b>
		4	4	<a href="#">6388 04 00WP2</a>	8.5	25	6	15.5	15	0.005
		6	6	<a href="#">6388 06 00WP2</a>	10.5	28.5	7	17	16	0.006
		8	8	<a href="#">6388 08 00WP2</a>	13.5	33.5	8	21.5	23	0.005
		10	10	<a href="#">6388 10 00WP2</a>	16	41	9.5	24.5	26.5	0.007
		12	12	<a href="#">6388 12 00WP2</a>	19	46.5	10	27	31	0.016

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

# Plug-In Fittings and Accessories


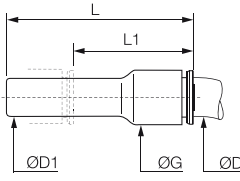

## 6388 Plug-In Equal Branch Tee

Inch

	<p>Bio-based polymer, EPDM</p> 	<b>ØD</b>	<b>ØD1</b>		<b>G</b>	<b>H</b>	<b>H1</b>	<b>H2</b>	<b>L/2</b>	<b>kg</b>
		1/4	1/4	<a href="#">6388 56 00WP2</a>	11	30.5	11	20	18	0.002
		3/8	3/8	<a href="#">6388 60 00WP2</a>	16	42	12	25	25	0.008
		1/2	1/2	<a href="#">6388 62 00WP2</a>	22	51	13	29	32	0.020

These part numbers are also available 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.


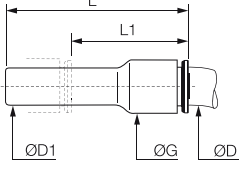

## 6366 Plug-In Reducer

	<p>Bio-based polymer, EPDM</p> 	<b>ØD</b>	<b>ØD1</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
		4	6	<a href="#">6366 04 06WP2</a>	8.5	38	23.5	0.004
			8	<a href="#">6366 04 08WP2</a>	8.5	38	19	0.004
		6	8	<a href="#">6366 06 08WP2</a>	10.5	38	20	0.004
			10	<a href="#">6366 06 10WP2</a>	10.5	39	17.5	0.002
		8	10	<a href="#">6366 08 10WP2</a>	13.5	48.5	28.5	0.009
			12	<a href="#">6366 08 12WP2</a>	13.5	48.5	24.5	0.004
		10	12	<a href="#">6366 10 12WP2</a>	16	52	33.5	0.005
			14	<a href="#">6366 10 14WP2</a>	16	53	33.5	0.005
		12	14	<a href="#">6366 12 14WP2</a>	19	55.5	33.5	0.023

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

## 6366 Plug-In Reducer


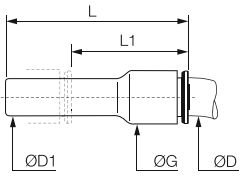

Inch

	<p>Bio-based polymer, EPDM</p> 	<b>ØD</b>	<b>ØD1</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
		1/4	5/16	<a href="#">6366 56 08WP2</a>	11	41	22.5	0.015
			3/8	<a href="#">6366 56 60WP2</a>	11	41	20.5	0.002
		5/16	3/8	<a href="#">6366 08 60WP2</a>	13.5	48.5	29	0.003
			1/2	<a href="#">6366 08 62WP2</a>	16	48.5	22	0.007
		3/8	1/2	<a href="#">6366 60 62WP2</a>	16	51	30	0.011

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


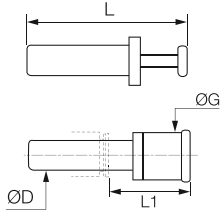

## 6368 Plug-In Increaser

Inch

	<p>Bio-based polymer, EPDM</p> 	<b>ØD</b>	<b>ØD1</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
		3/8	5/16	<a href="#">6368 60 08WP2</a>	16	44	25.5	0.004

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

## 6326 Blanking Plug


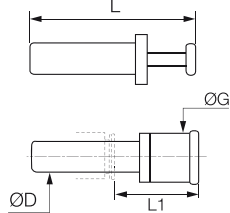

	<p>Bio-based polymer</p> 	<b>ØD</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
		4	<a href="#">6326 04 00WP2</a>	6	30	15.5	0.001
		6	<a href="#">6326 06 00WP2</a>	8	33	16.5	0.001
		8	<a href="#">6326 08 00WP2</a>	10	35	17.5	0.002
		10	<a href="#">6326 10 00WP2</a>	12	42	21	0.003
		12	<a href="#">6326 12 00WP2</a>	14	45	22	0.004

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


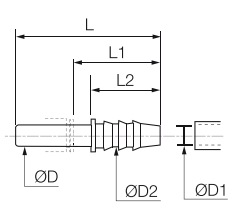

# Plug-In Fittings and Accessories

## 6326 Blanking Plug

Inch


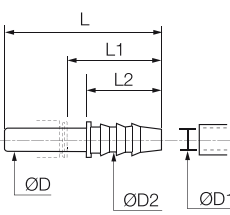

	Bio-based polymer 	<b>ØD</b>		<b>G</b>	<b>L</b>	<b>L1</b>	<b>kg</b>
		1/4	<a href="#">6326 56 00WP2</a>	8	36.5	22	0.001
		3/8	<a href="#">6326 60 00WP2</a>	11.6	42.5	22	0.002
		1/2	<a href="#">6326 62 00WP2</a>	14.7	48.5	21.5	0.004
These part numbers are also available in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters). 5/32 (4 mm) and 5/16 (8 mm) also available							

## 6322 Plug-In Barb Connector Inch


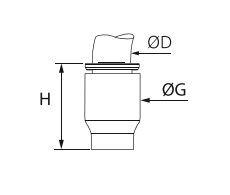

	Bio-based polymer 	<b>ØD</b>	<b>ØD1</b>	<b>ØD2</b>		<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>
		6	4	7	<a href="#">6322 06 04WP2</a>	39	25	17	0.004
		8	6	8.5	<a href="#">6322 08 06WP2</a>	43	25	17	0.005
		10	7	8	<a href="#">6322 10 07WP2</a>	50	29.5	22	0.006
		12	12.5	15.5	<a href="#">6322 12 62WP2</a>	56	32	27.5	0.004
These part numbers are also available in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).									

## 6322 Plug-In Barb Connector Inch

Inch


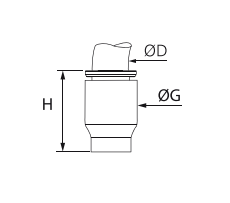

	Bio-based polymer 	<b>ØD</b>	<b>ØD1</b>	<b>ØD2</b>		<b>L</b>	<b>L1</b>	<b>L2</b>	<b>kg</b>
		1/4	0.28	0.32	<a href="#">6322 56 56WP2</a>	39	24.5	17	0.001
			0.33	0.38	<a href="#">6322 60 08WP2</a>	50	29.5	22	0.001
		3/8	0.28	0.32	<a href="#">6322 60 56WP2</a>	45	24.5	17	0.008
			0.40	0.45	<a href="#">6322 60 60WP2</a>	50	29	22	0.002
		1/2	0.40	0.45	<a href="#">6322 62 60WP2</a>	58	37.5	30	0.005
These part numbers are also available in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).									

## 6351 End Cap

	Bio-based polymer, EPDM 	<b>ØD</b>		<b>G</b>	<b>H</b>	<b>kg</b>
		4	<a href="#">6351 04 00WP2</a>	8.5	15	0.001
		6	<a href="#">6351 06 00WP2</a>	10.5	17	0.002
		8	<a href="#">6351 08 00WP2</a>	13.5	21.5	0.003
		10	<a href="#">6351 10 00WP2</a>	16	22	0.003
		12	<a href="#">6351 12 00WP2</a>	19	27.5	0.006
These part numbers are also available in WP3 = high volumes (number of parts per bag: 40, 50 or 100, depending on the diameters).						

## 6351 End Cap

Inch

	Bio-based polymer, EPDM 	<b>ØD</b>		<b>G</b>	<b>H</b>	<b>kg</b>
		1/4	<a href="#">6351 56 00WP2</a>	11	16	0.001
		3/8	<a href="#">6351 60 00WP2</a>	16	22.5	0.003
These part numbers are also available 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.						








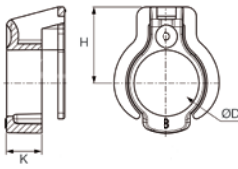
# Accessories

## 3130 Tamper-Proof Safety Clip







Technical Polymer	ØD							H	K	kg
	4	<a href="#">3130 04 01</a>	<a href="#">3130 04 02</a>	<a href="#">3130 04 03</a>	<a href="#">3130 04 04</a>	<a href="#">3130 04 05</a>	<a href="#">3130 04 10</a>	6.60	3.00	0.001
	6	<a href="#">3130 06 01</a>	<a href="#">3130 06 02</a>	<a href="#">3130 06 03</a>	<a href="#">3130 06 04</a>	<a href="#">3130 06 05</a>	<a href="#">3130 06 10</a>	7.80	3.10	0.001
	8	<a href="#">3130 08 01</a>	<a href="#">3130 08 02</a>	<a href="#">3130 08 03</a>	<a href="#">3130 08 04</a>	<a href="#">3130 08 05</a>	<a href="#">3130 08 10</a>	9.50	4.30	0.001
	10	<a href="#">3130 10 01</a>	<a href="#">3130 10 02</a>	<a href="#">3130 10 03</a>	<a href="#">3130 10 04</a>	<a href="#">3130 10 05</a>	<a href="#">3130 10 10</a>	10.80	4.20	0.002
	12	<a href="#">3130 12 01</a>	<a href="#">3130 12 02</a>	<a href="#">3130 12 03</a>	<a href="#">3130 12 04</a>	<a href="#">3130 12 05</a>	<a href="#">3130 12 10</a>	12.50	5.10	0.003
	14	<a href="#">3130 14 01</a>	<a href="#">3130 14 02</a>	<a href="#">3130 14 03</a>	<a href="#">3130 14 04</a>	<a href="#">3130 14 05</a>	<a href="#">3130 14 10</a>	12.50	5.10	0.004

## 3130 Tamper-Proof Safety Clip

Inch







Technical Polymer	ØD							H	K	kg
	1/4	<a href="#">3130 56 01</a>	<a href="#">3130 56 02</a>	<a href="#">3130 56 03</a>	<a href="#">3130 56 04</a>	<a href="#">3130 56 05</a>	<a href="#">3130 56 10</a>	7.80	3.10	0.001
	3/8	<a href="#">3130 60 01</a>	<a href="#">3130 60 02</a>	<a href="#">3130 60 03</a>	<a href="#">3130 60 04</a>	<a href="#">3130 60 05</a>	<a href="#">3130 60 10</a>	10.80	4.20	0.002
	1/2	<a href="#">3130 62 01</a>	<a href="#">3130 62 02</a>	<a href="#">3130 62 03</a>	<a href="#">3130 62 04</a>	<a href="#">3130 62 05</a>	<a href="#">3130 62 10</a>	12.50	5.10	0.003
	5/32" (4 mm) and 5/16" (8 mm) also available.									

## 3110 Coloured Release Button Covers



Technical Polymer	ØD						kg
	4	<a href="#">3110 04 00</a>	<a href="#">3110 04 02</a>	<a href="#">3110 04 03</a>	<a href="#">3110 04 04</a>	<a href="#">3110 04 05</a>	0.001
	6	<a href="#">3110 06 00</a>	<a href="#">3110 06 02</a>	<a href="#">3110 06 03</a>	<a href="#">3110 06 04</a>	<a href="#">3110 06 05</a>	0.001
	8	<a href="#">3110 08 00</a>	<a href="#">3110 08 02</a>	<a href="#">3110 08 03</a>	<a href="#">3110 08 04</a>	<a href="#">3110 08 05</a>	0.001
	10	<a href="#">3110 10 00</a>	<a href="#">3110 10 02</a>	<a href="#">3110 10 03</a>	<a href="#">3110 10 04</a>	<a href="#">3110 10 05</a>	0.001
	12	<a href="#">3110 12 00</a>	<a href="#">3110 12 02</a>	<a href="#">3110 12 03</a>	<a href="#">3110 12 04</a>	<a href="#">3110 12 05</a>	0.001
	14	<a href="#">3110 14 00</a>	<a href="#">3110 14 02</a>	<a href="#">3110 14 03</a>	<a href="#">3110 14 04</a>	<a href="#">3110 14 05</a>	0.002

## 3110 Coloured Release Button Covers

Inch

Technical Polymer	ØD						kg
	1/4	<a href="#">3110 56 00</a>	<a href="#">3110 56 02</a>	<a href="#">3110 56 03</a>	<a href="#">3110 56 04</a>	<a href="#">3110 56 05</a>	0.001
	3/8	<a href="#">3110 60 00</a>	<a href="#">3110 60 02</a>	<a href="#">3110 60 03</a>	<a href="#">3110 60 04</a>	<a href="#">3110 60 05</a>	0.001
	1/2	<a href="#">3110 62 00</a>	<a href="#">3110 62 02</a>	<a href="#">3110 62 03</a>	<a href="#">3110 62 04</a>	<a href="#">3110 62 05</a>	0.001
	5/32" (4 mm) and 5/16" (8 mm) also available						

## 0605 Fluoropolymer Tape

FKM		kg
	<a href="#">0605 12 12</a>	0.012
	<p>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.</p>	



# LIQUIfit+ Push-In Fittings

For the transfer of sensitive fluids, the LIQUIfit+ range **reduces the growth of bacteria** in your circuits **for 100% cleanliness after cleaning**, and can be **directly** connected to stainless steel tubing, without grooving.

## Product Advantages

### Zero Retention for 100% Cleanliness

- Up to 10 times less microbial growth within the fitting
- Elimination of 99.9% of bacteria during cleaning operations
- No degradation of the beverage taste
- Preservation of the integrity of sensitive or industrial fluids
- Extension of the fitting's life due to the absence of bacteria after cleaning

### Quality & Reliability

- 100% leak-tested in production
- Date coding to guarantee quality and traceability
- Quality approved for contact with food
- Excellent chemical resistance (chlorine, cleaning agents, UV...)
- Excellent long-term mechanical resistance
- Safety clip to avoid any untimely disconnection

### Innovative Technology

- Patented push-in connection, unique on stainless steel tubing (without preparation) and on polymer tubing
- Extremely compact
- 100% bio-based material
- Patented sealing technology (FR29461418)
- No tube movement after connection



Applications

- Food Process
- Medical
- Beverage Dispensers
- Pharmaceutical
- Chemical
- Brewing

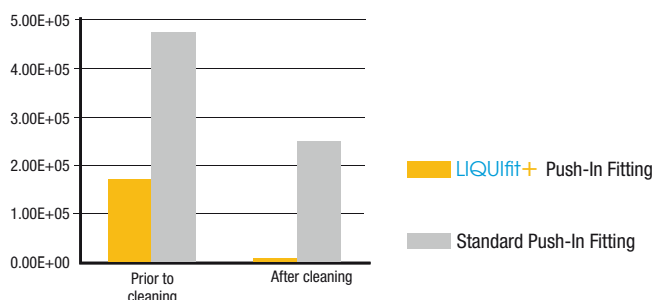
## Technical Characteristics

<b>Compatible Fluids</b>	Beer, water, beverages, industrial fluids
<b>Working Pressure</b>	Vacuum to 16 bar
<b>Working Temperature</b>	-10°C to +95°C (see LIQUIfit® chart p. 1-47)

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

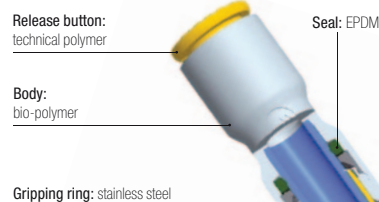
### Cleaning Efficiency

Comparison of the contamination by micro-organisms before and after cleaning operations (cfu/surface)\*



\* Tests carried out by an independent laboratory

### Component Materials



### Silicone-free


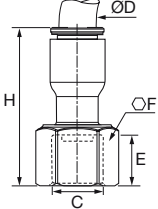

### Regulations

DI: 2002/95/EC (RoHS), 2011/65/EC  
 RG: 1935/2004/EC  
 FDA: 21 CFR  
 NSF51  
 NSF/ANSI 61 - C HOT



## 6333 Stud Fitting, Female BSPP Thread


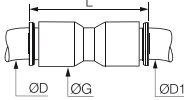

Inch

		<b>ØD</b> <b>C</b> 	<b>E</b> <b>F</b> <b>H</b> <b>kg</b>
		3/8   G1/2 <b>6333 60 21WP3</b>	14   11   30   0.010
		3/8   G5/8 <b>6333 60 23WP3</b>	14   13   36   0.016

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

## 6336 Equal and Unequal Tube-to-Tube Connector


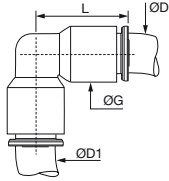

Inch

		<b>ØD</b> <b>ØD1</b> 	<b>ØG</b> <b>L</b> <b>kg</b>
		5/16 <b>6336 08 00WP3</b>	13.5   37   0.004
		5/16   3/8 <b>6336 08 60WP3</b>	16   42   0.008
		1/2 <b>6336 08 62WP3</b>	22   55   0.016
		3/8   3/8 <b>6336 60 00WP3</b>	16   42   0.006
		1/2   1/2 <b>6336 62 00WP3</b>	22   57   0.016

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

## 6332 Equal and Unequal Elbow


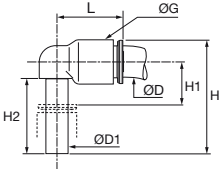

Inch

		<b>ØD</b> <b>ØD1</b> 	<b>ØG</b> <b>L</b> <b>kg</b>
		5/16   5/16 <b>6332 08 00WP3</b>	13.5   29   0.004
		5/16   3/8 <b>6332 08 60WP3</b>	16   34   0.009
		3/8   3/8 <b>6332 60 00WP3</b>	16   34   0.006
		3/8   1/2 <b>6332 60 62WP3</b>	22   46.5   0.011
		1/2   1/2 <b>6332 62 00WP3</b>	22   46.5   0.017

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

## 6331 Equal Plug-In Elbow

Inch

		<b>ØD</b> <b>ØD1</b> 	<b>ØG</b> <b>H</b> <b>H1</b> <b>H2</b> <b>L</b> <b>kg</b>
		5/16   5/16 <b>6331 08 00WP3</b>	13.5   33.5   8   21.5   22.5   0.004
		3/8   3/8 <b>6331 60 00WP3</b>	16   39   9   24.5   26.5   0.005

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

### Use with Stainless Steel Tubing

- These fittings are approved for use with 304 and 316L stainless steel tubing, 160 Hv, with tolerances on the external diameter +0.05/-0.10 mm.
- Carefully deburr the stainless steel tube end.
- For easy disconnection, press firmly on the release button.
- After 5 connections/disconnections, we recommend that you change the fitting.

