

# FITTINGS **ADVANTAGE** AND **EXPERTISE** IN YOUR INDUSTRY



**Pneufit D** offers a broad range of fittings with approvals and certification from world wide standard organisations.

- » Pneufit D used in processing of food meets health and safety standards with the added quality assurance of NSF 61 certification.
- » Sanitary design for water and drinks dispense applications adhering to NSF 51 and WRAS

specifications.

- » Suitable for use in medical and analytical equipment including fluid and precision gas control.
- » Appropriate for inert gas and industrial air applications.
- » Available in inch and metric tube sizes with NPTF, BSPP, BSPT and UNF threads.



# Pneufit® D fittings

Metric

Ø 4mm to 12mm O/D tube

Ready to use.

Manufactured from FDA approved acetal material, and are certified by NSF (51 & 61), WRAS and SK-Zert for use with water and food.

Comprehensive range of over 600 plastic push-in fittings in both inch and metric sizes.

Releasable stainless-steel grab-ring offers fast, secure assembly and disassembly of nylon, PU and PE tubing.

Suitable for use in medical and analytical equipment including fluid and precision gas control.

Appropriate for inert gas and industrial air applications.

## Technical data

Medium  
Air and liquids

### Operating pressure

749.3 mmHg vacuum up to:  
 4mm to 8mm, -20°C to 20°C, 15 bar  
 10mm to 12mm, -20°C to 20°C, 12 bar  
 4mm to 8mm, +20°C to 65°C, 10 psig  
 10mm to 12mm, +20°C to 65°C, 7 bar

### Temperature

-20°C to 65°C

### Materials

Body: Acetal  
 Seals: Food and water grade NBR  
 Collet: PBT with Stainless Steel teeth

### Tube sizes

4, 5, 6, 8, 10, 12 mm

### Thread sizes

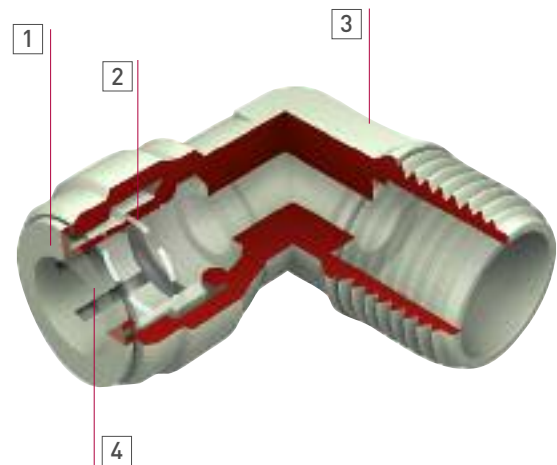
1/8", 1/4", 3/8", 1/2"  
 BSPT, BSPP, UNF and UNS types

### Tube types


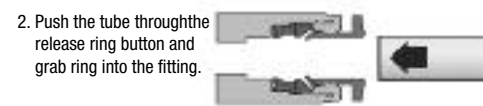
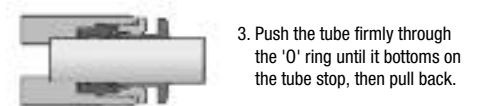
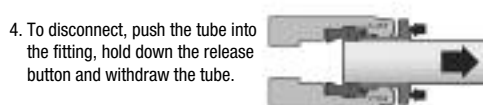
Nylon, Polyurethane, Polyethylene



- 1 Collet- unique oval shape allowing for easier connecting and disconnecting.
- 2 O-ring - NBR provides leak proof seal.
- 3 Body and cap - made of highly durable acetal copolymer (POM).
- 4 Stainless steel teeth - holds tubing in place



## Method of assembly

1. Ensure that the end tube is cut square and is free from burrs. 
2. Push the tube through the release ring button and grab ring into the fitting. 
3. Push the tube firmly through the 'O' ring until it bottoms on the tube stop, then pull back. 
4. To disconnect, push the tube into the fitting, hold down the release button and withdraw the tube. 

# Pneufit® D fittings

Metric

Ø 4mm to 12mm O/D tube

## Straight adapter



O/D tube	Thread	Part number
4mm	1/8" BSPT	D01250418
4mm	1/4" BSPT	D01250428
4mm	1/8" BSPP	D02250418
4mm	1/4" BSPP	D02250428
5mm	1/8" BSPT	D01250518
5mm	1/4" BSPT	D01250528
5mm	1/8" BSPP	D02250518
5mm	1/4" BSPP	D02250528
6mm	1/8" BSPT	D01250618
6mm	1/4" BSPT	D01250628
6mm	3/8" BSPT	D01250638
6mm	1/2" BSPT	D01250648
6mm	1/8" BSPP	D02250618
6mm	1/4" BSPP	D02250628
8mm	1/8" BSPT	D01250818
8mm	1/4" BSPT	D01250828
8mm	3/8" BSPT	D01250838
8mm	1/8" BSPP	D02250818
8mm	1/4" BSPP	D02250828
8mm	3/8" BSPP	D02250838
10mm	1/8" BSPT	D01251018
10mm	1/4" BSPT	D01251028
10mm	3/8" BSPT	D01251038
10mm	1/2" BSPT	D01251048
10mm	1/4" BSPP	D02251028
10mm	3/8" BSPP	D02251038
10mm	1/2" BSPP	D02251048
12mm	3/8" BSPT	D01251238
12mm	1/2" BSPT	D01251248
12mm	3/8" BSPP	D02251238
12mm	1/2" BSPP	D02251248

## Straight adapter (female thread, cone type)



O/D tube	Thread	Part number
6mm	7/16-20UNF	D042D062Y
6mm	7/16-24UNS	D042D062W
6mm	3/8" BSPP	D022D0638
6mm	1/2" BSPP	D022D0648
8mm	7/16-20UNF	D042D082Y
8mm	7/16-24UNS	D042D082W
8mm	3/8" BSPP	D022D0838
8mm	1/2" BSPP	D022D0848
10mm	7/16-20UNF	D042D102Y
10mm	7/16-24UNS	D042D102W
10mm	3/8" BSPP	D022D1038
10mm	1/2" BSPP	D022D1048
10mm	5/8" BSPP	D022D1058
12mm	5/8" BSPP	D022D1258

## Elbow adapter



O/D tube	Thread	Part number
6mm	1/8" BSPT	D01450618
6mm	1/4" BSPT	D01450628
6mm	3/8" BSPT	D01450638
8mm	1/4" BSPT	D01450828
8mm	3/8" BSPT	D01450838
10mm	1/4" BSPT	D01451028
10mm	3/8" BSPT	D01451038
12mm	3/8" BSPT	D01451238
12mm	1/2" BSPT	D01451248

## Straight adapter (female thread, flat type)



O/D tube	Thread	Part number
6mm	1/8" BSPT	D012C0618
6mm	1/4" BSPT	D012C0628
8mm	1/8" BSPT	D012C0818
8mm	1/4" BSPT	D012C0828
8mm	5/8" BSPP	D022C0858
10mm	1/8" BSPT	D012C1018
10mm	1/4" BSPT	D012C1028
10mm	1/2" BSPP	D022C1048
10mm	5/8" BSPP	D022C1058
12mm	3/8" BSPP	D022C1238
12mm	1/2" BSPP	D022C1248

## 90° Swivel Elbow Adapter



O/D tube	Thread	Part number
4mm	1/8" BSPT	D01470418
4mm	1/4" BSPT	D01470428
4mm	1/8" BSPP	D02470418
4mm	1/4" BSPP	D02470428
5mm	1/8" BSPT	D01470518
5mm	1/8" BSPP	D02470518
5mm	1/4" BSPP	D02470528
6mm	1/8" BSPT	D01470618
6mm	1/4" BSPT	D01470628
6mm	1/8" BSPP	D02470618
6mm	1/4" BSPP	D02470628
8mm	1/8" BSPT	D01470818
8mm	1/4" BSPT	D01470828
8mm	3/8" BSPT	D01470838
8mm	1/8" BSPP	D02470818
8mm	1/4" BSPP	D02470828
8mm	3/8" BSPP	D02470838
10mm	1/4" BSPT	D01471028
10mm	3/8" BSPT	D01471038
10mm	1/4" BSPP	D02471028
10mm	3/8" BSPP	D02471038
10mm	1/2" BSPP	D02471048
12mm	3/8" BSPT	D01471238
12mm	1/2" BSPT	D01471248
12mm	3/8" BSPP	D02471238
12mm	1/2" BSPP	D02471248

## Straight adapter (female thread, v type)



O/D tube	Thread	Part number
6mm	7/16-20UNF	D042B062Y
8mm	7/16-20UNF	D042B082Y
8mm	1/2-16UNF	D042D083Z
10mm	7/16-20UNF	D042B102Y
10mm	5/8-18UNF	D042B104Y
10mm	1/2-16UNF	D042D103Z
12mm	1/2-16UNF	D042D123Z

# Pneufit® D fittings

Metric

Ø 4mm to 12mm O/D tube

## Swivel Side Tee Adapter



O/D tube	Thread	Part number
4mm	1/8" BSPT	D01680418
4mm	1/4" BSPT	D01680428
4mm	1/8" BSPP	D02680418
4mm	1/4" BSPP	D02680428
5mm	1/8" BSPT	D01680518
5mm	1/4" BSPT	D01681528
5mm	1/8" BSPP	D02680518
5mm	1/4" BSPP	D02680528
6mm	1/8" BSPT	D01680618
6mm	1/4" BSPT	D01680628
6mm	1/8" BSPP	D02680618
6mm	1/4" BSPP	D02680628
8mm	1/8" BSPT	D01680818
8mm	1/4" BSPT	D01680828
8mm	3/8" BSPT	D01680838
8mm	1/8" BSPP	D02680818
8mm	1/4" BSPP	D02680828
8mm	3/8" BSPP	D02680838
10mm	1/4" BSPT	D01681028
10mm	3/8" BSPT	D01681038
10mm	1/2" BSPT	D01681048
10mm	1/4" BSPP	D02681028
10mm	3/8" BSPP	D02681038
10mm	1/2" BSPP	D02681048
12mm	3/8" BSPT	D01681238
12mm	1/2" BSPT	D01681248
12mm	3/8" BSPP	D02681238
12mm	1/2" BSPP	D02681248

## Straight Stem Adapter



O/D tube	Thread	Part number
4mm	1/8" BSPT	D01150418
4mm	1/4" BSPT	D01150428
4mm	1/8" BSPP	D02150418
4mm	1/4" BSPP	D02150428
5mm	1/8" BSPT	D01150518
5mm	1/4" BSPT	D01151528
5mm	1/8" BSPP	D02150518
5mm	1/4" BSPP	D02150528
6mm	1/8" BSPT	D01150618
6mm	1/4" BSPT	D01150628
6mm	1/8" BSPP	D02150618
6mm	1/4" BSPP	D02150628
8mm	1/8" BSPT	D01150818
8mm	1/4" BSPT	D01150828
8mm	3/8" BSPT	D01150838
8mm	1/8" BSPP	D02150818
8mm	1/4" BSPP	D02150828
8mm	3/8" BSPP	D02150838
10mm	1/4" BSPT	D01151028
10mm	3/8" BSPT	D01151038
10mm	1/2" BSPT	D01151048
10mm	1/4" BSPP	D02151028
10mm	3/8" BSPP	D02151038
10mm	1/2" BSPP	D02151048
12mm	3/8" BSPT	D01151238
12mm	1/2" BSPT	D01151248
12mm	3/8" BSPP	D02151238
12mm	1/2" BSPP	D02151248

## Swivel Tee Adapter



O/D tube	Thread	Part number
4mm	1/8" BSPT	D01670418
4mm	1/4" BSPT	D01670428
4mm	1/8" BSPP	D02670418
4mm	1/4" BSPP	D02670428
5mm	1/8" BSPT	D01670518
5mm	1/4" BSPT	D01671528
5mm	1/8" BSPP	D02670518
5mm	1/4" BSPP	D02670528
6mm	1/8" BSPT	D01670618
6mm	1/4" BSPT	D01670628
6mm	1/8" BSPP	D02670618
6mm	1/4" BSPP	D02670628
8mm	1/8" BSPT	D01670818
8mm	1/4" BSPT	D01670828
8mm	3/8" BSPT	D01670838
8mm	1/8" BSPP	D02670818
8mm	1/4" BSPP	D02670828
8mm	3/8" BSPP	D02670838
10mm	1/4" BSPT	D01671028
10mm	3/8" BSPT	D01671038
10mm	1/2" BSPT	D01671048
10mm	1/4" BSPP	D02671028
10mm	3/8" BSPP	D02671038
10mm	1/2" BSPP	D02671048
12mm	3/8" BSPT	D01671238
12mm	1/2" BSPT	D01671248
12mm	3/8" BSPP	D02671238
12mm	1/2" BSPP	D02671248

## Straight Union



O/D tube	Part number
4mm	D00200400
5mm	D00200500
6mm	D00200600
8mm	D00200800
10mm	D00201000
12mm	D00201200

## Bulkhead Union



O/D tube	Part number
4mm	D00290400
5mm	D00290500
6mm	D00290600
8mm	D00290800
10mm	D00291000
12mm	D00291200

# Pneufit® D fittings

Metric

Ø 4mm to 12mm O/D tube

## Plug



O/D tube	Part number
4mm	D00040400
5mm	D00040500
6mm	D00040600
8mm	D00040800
10mm	D00041000
12mm	D00041200

## End Stop



O/D tube	Part number
6mm	D000A0600
8mm	D000A0800
10mm	D000A1000
12mm	D000A1200

## Union Elbow



O/D tube	Part number
4mm	D00400400
5mm	D00400500
6mm	D00400600
8mm	D00400800
10mm	D00401000
12mm	D00401200

## Stem Elbow



O/D tube (A, A1)	Part number
4mm	D00430400
5mm	D00430500
6mm	D00430600
8mm	D00430800
10mm	D00431000
12mm	D00431200

## Union Tee



O/D tube	Part number
4mm	D00600400
5mm	D00600500
6mm	D00600600
8mm	D00600800
10mm	D00601000
12mm	D00601200

## Union Y



O/D tube	Part number
4mm	D00820400
6mm	D00820600
8mm	D00820800
10mm	D00821000
12mm	D00821200

## Union Cross



O/D tube	Part number
4mm	D00900400
6mm	D00900600
8mm	D00900800
10mm	D00901000
12mm	D00901200

## U Bend



O/D tube	Part number
6mm	D00890600
8mm	D00890800
10mm	D00891000
12mm	D00891200

## Straight Union (Unequal)



A O/D tube	A1 O/D tube	Part number
6mm	4mm	D00200604
6mm	5mm	D00200605
8mm	4mm	D00200804
8mm	5mm	D00200805
8mm	6mm	D00200806
10mm	4mm	D00201004
10mm	5mm	D00201005
10mm	6mm	D00201006
10mm	8mm	D00201008
12mm	8mm	D00201208
12mm	10mm	D00201210

## Union Elbow (Unequal)



A O/D tube	A1 O/D tube	Part number
8mm	4mm	D00400804
8mm	5mm	D00400805
8mm	6mm	D00400806
10mm	6mm	D00401006
10mm	8mm	D00401008
12mm	6mm	D00401206
12mm	8mm	D00401208
12mm	10mm	D00401210

## 45° Union Elbow (Unequal)



O/D tube	O/D tube	Part number
10mm	6mm	D005A1006
12mm	8mm	D005A1208

# Pneufit® D fittings

Metric

Ø 4mm to 12mm O/D tube

FITTINGS



Union Tee (Unequal)

A O/D tube	A1 O/D tube	A2 O/D tube	Part number
6mm	10mm	10mm	D006A1006
10mm	12mm	12mm	D006A1210



Stem Tailpiece Adapter (barb/stem)

A O/D tube	A1 O/D tube	Part number
6mm	4.5mm	D00390604
8mm	6.5mm	D00390806
10mm	8.5mm	D00391008
12mm	10mm	D00391210



Bulkhead Union (Unequal)

O/D tube	Thread	Part number
6mm	10mm	D00290610
10mm	6mm	D00291006



Stem Elbow (tube/stem)

A O/D tube	A1 O/D tube	Part number
10mm	6mm	D00431006
10mm	8mm	D00431008



Three Way Splitter (in/out)

A O/D tube	A1 O/D tube	Part number
10mm	6mm	D00011006
12mm	10mm	D00911210



Hand Valve (Union)

O/D tube	Part number
6mm	D00GR0600
10mm	D00GR1000
12mm	D00GR1200



Stem Reducer (tube/stem)

A O/D tube	A1 O/D tube	Part number
5mm	4mm	D00230504
6mm	4mm	D00230604
6mm	5mm	D00230605
8mm	4mm	D00230804
8mm	5mm	D00230805
8mm	6mm	D00230806
10mm	6mm	D00231006
10mm	8mm	D00231008
12mm	8mm	D00231208
12mm	10mm	D00231210



Hand Valve (male adapter)

O/D tube	Thread	Part number
6mm	1/4" BSPT	D01GT0628
10mm	3/8" BSPT	D01GT1038
12mm	1/2" BSPT	D01GT1248



Hand Valve (female adapter)

O/D tube	Thread	Part number
6mm	1/4" BSPT	D01GU0628
10mm	3/8" BSPT	D01GU1038
10mm	1/2" BSPT	D01GU1238
12mm	3/8" BSPT	D01GU1048
12mm	1/2" BSPT	D01GU1248

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Metric

Ø 4mm to 12mm O/D tube

## ACCESSORIES



Cartridges (Brass)

O/D tube	Part number
4mm	D00080400B
5mm	D00080500B
6mm	D00080600B
8mm	D00080800B
10mm	D00081000B
12mm	D00081200B



Locking Clip

O/D tube	Part number
6mm	D0LC0600*
8mm	D0LC0800*
10mm	D0LC1000*
12mm	D0LC1200*

\*00 denotes Red. Other colors are available on request.



Cartridges (Stainless Steel)

O/D tube	Part number
4mm	D00080400G
5mm	D00080500G
6mm	D00080600G
8mm	D00080800G
10mm	D00081000G
12mm	D00081200G



Flow Bend Clip

O/D tube	Part number
8mm	D005B0800
10mm	D005B1000
12mm	D005B1200



Tube Support

O/D tube	Part number
8mm	D00330806
10mm	D00331008
12mm	D00331210



LDPE Tubing (natural)

O/D tube	Part number
4mm	PE0004025C
5mm	PE0005025C
6mm	PE0006025C
8mm	PE0008025C
10mm	PE0010025C
12mm	PE0012025C



Double Seal (tube support)

O/D tube	Part number
8mm	D00330806H
10mm	D00331008H
12mm	D00331210H