



PNEUFIT D ADVANTAGE

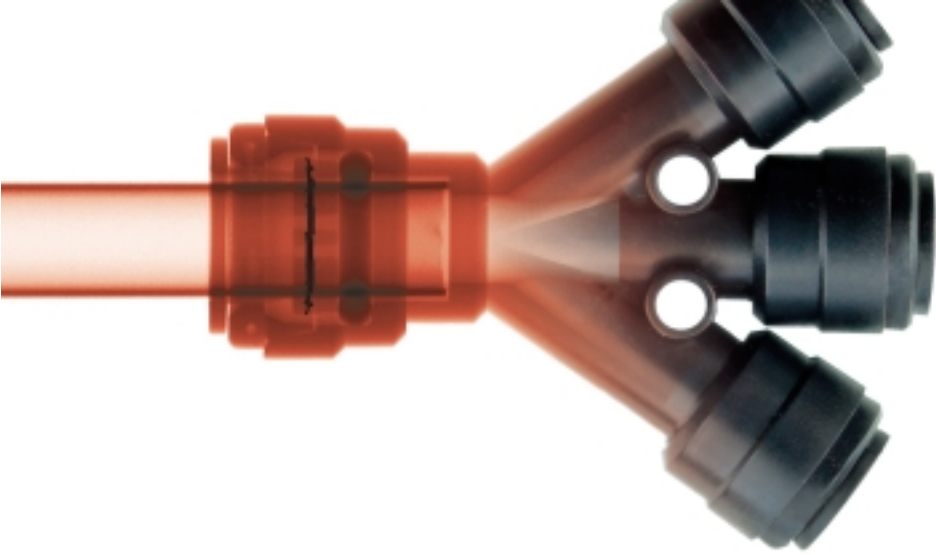
METRIC RANGE

Acetal push-in fittings

Comprehensive size and range
from 4 mm to 12 mm

Approved for use in pneumatics,
medical, food and drinks
dispense applications





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

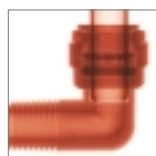
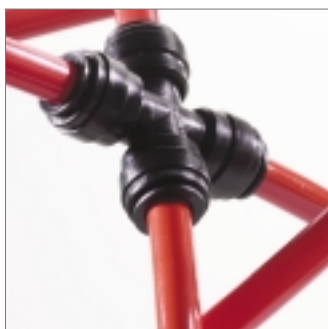
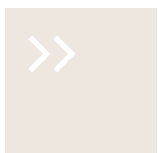
PNEUFIT D FITTINGS ARE THE NEWEST COMPLEMENT TO NORGREN'S EXISTING WORLD CLASS PUSH-IN FITTING PRODUCTS - PNEUFIT, PNEUFIT C AND PNEUFIT M.

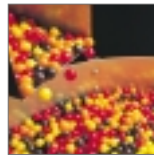
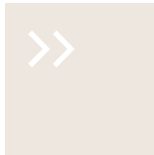
Pneufit D fittings are manufactured from FDA approved acetal material, and are certified by NSF (51& 61), WRAS and SK-Zert for use with water and food.

Norgren Pneufit D fittings are ready to use, offering quick and easy connection with no need for tools.

Pneufit D offers a comprehensive range of over 600 plastic push-in fittings in both metric and inch sizes.

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





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.

TECHNICAL DATA

Operating pressure: Vacuum: up to 749.3 mmHg

4 mm to 8 mm, -20°C to +20°C, 15 bar

10 mm to 12 mm, -20°C to +20°C, 12 bar

4 mm to 8 mm, +20°C to +65°C, 7 bar

10 mm to 12 mm, +20°C to +65°C, 10 bar

Temperature: 20°C to 65°C

Medium: Air and liquids

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

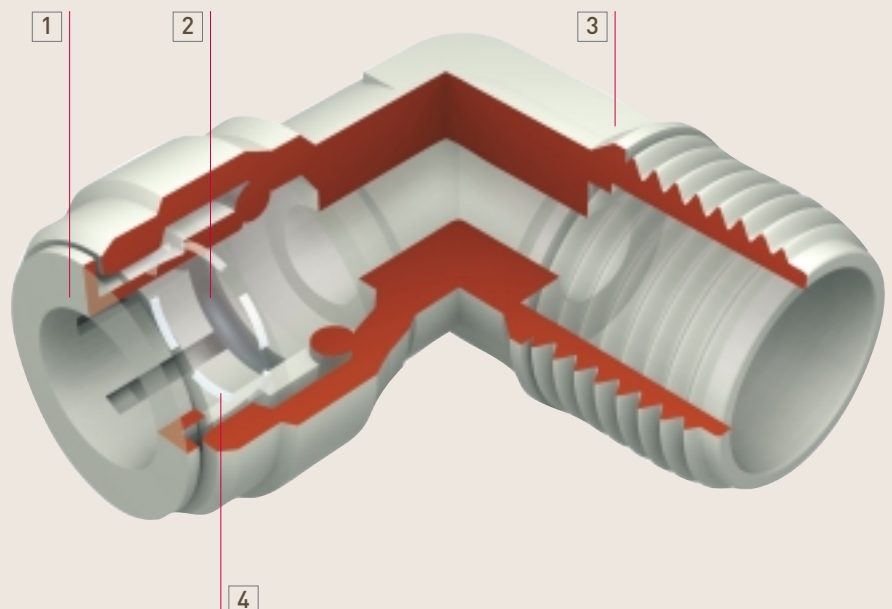
Nylon, Polyurethane, Polyethylene

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.



PNEUFIT D METRIC

Straight Adaptor



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

Straight adaptor
(female thread, flat type)



1/8" BSPT	-	-	D012C0618	D012C0818	D012C1018	-
1/4" BSPT	-	-	D012C0628	D012C0828	D012C1028	-
3/8" BSPP	-	-	-	-	-	D022C1238
1/2" BSPP	-	-	-	-	D022C1048	D022C1248
5/8" BSPP	-	-	-	D022C0858	D022C1058	-
3/4" BSPP	-	-	-	-	-	-

Straight adaptor
(female thread, v type)



7/16-20UNF	-	-	D042B062Y	D042B082Y	D042B102Y	-
5/8-18UNF	-	-	-	-	D042B104Y	-
1/2-16 UNF	-	-	-	D042D083Z	D042D103Z	D042D123Z

Straight adaptor
(female thread, cone type)



7/16-20UNF	-	-	D042D062Y	D042D082Y	D042D102Y	-
7/16-24UNS	-	-	D042D062W	D042D082W	D042D102W	-
3/8" BSPP	-	-	D022D0638	D022D0838	D022D1038	-
1/2" BSPP	-	-	D022D0648	D022D0848	D022D1048	-
5/8" BSPP	-	-	-	-	D022D1058	D022D1258

Elbow Adaptor



1/8" BSPT	-	-	D01450618	-	-	-
1/4" BSPT	-	-	D01450628	D01450828	D01451028	-
3/8" BSPT	-	-	D01450638	D01450838	D01451038	D01451238
1/2" BSPT	-	-	-	-	-	D01451248

90° Swivel Elbow
Adaptor



1/8" BSPT	D01470418	D01470518	D01470618	D01470818	-	-
1/4" BSPT	D01470428	-	D01470628	D01470828	D01471028	-
3/8" BSPT	-	-	-	D01470838	D01471038	D01471238
1/2" BSPT	-	-	-	-	-	D01471248
1/8" BSPP	D02470418	D02470518	D02470618	D02470818	-	-
1/4" BSPP	D02470428	D02470528	D02470628	D02470828	D02471028	-
3/8" BSPP	-	-	-	D02470838	D02471038	D02471238
1/2" BSPP	-	-	-	-	D02471048	D02471248

Swivel Side
Tee Adaptor



1/8" BSPT	D01680418	D01680518	D01680618	D01680818	-	-
1/4" BSPT	D01680428	D01680528	D01680628	D01680828	D01681028	-
3/8" BSPT	-	-	-	D01680838	D01681038	D01681238
1/2" BSPT	-	-	-	-	D01681048	D01681248
1/8" BSPP	D02680418	D02680518	D02680618	D02680818	-	-
1/4" BSPP	D02680428	D02680528	D02680628	D02680828	D02681028	-
3/8" BSPP	-	-	-	D02680838	D02681038	D02681238
1/2" BSPP	-	-	-	-	D02681048	D02681248

Swivel Tee Adaptor



Thread	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
1/8" BSPT	D01670418	D01670518	D01670618	D01670818	-	-
1/4" BSPT	D01670428	D01670528	D01670628	D01670828	D01671028	-
3/8" BSPT	-	-	-	D01670838	D01671038	D01671238
1/2" BSPT	-	-	-	-	D01671048	D01671248
1/8" BSPP	D02670418	D02670518	D02670618	D02670818	-	-
1/4" BSPP	D02670428	D02670528	D02670628	D02670828	D02671028	-
3/8" BSPP	-	-	-	D02670838	D02671038	D02671238
1/2" BSPP	-	-	-	-	D02671048	D02671248

Straight Stem Adaptor



1/8" BSPT	D01150418	D01150518	D01150618	D01150818	-	-
1/4" BSPT	D01150428	D01150528	D01150628	D01150828	D01151028	-
3/8" BSPT	-	-	-	D01150838	D01151038	D01151238
1/2" BSPT	-	-	-	-	D01151048	D01151248
1/8" BSPP	D02150418	D02150518	D02150618	D02150818	-	-
1/4" BSPP	D02150428	D02150528	D02150628	D02150828	D02151028	-
3/8" BSPP	-	-	-	D02150838	D02151038	D02151238
1/2" BSPP	-	-	-	-	D02151048	D02151248

Straight Union



4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
D00200400	D00200500	D00200600	D00200800	D00201000	D00201200

Bulkhead Union



D00290400	D00290500	D00290600	D00290800	D00291000	D00291200
-----------	-----------	-----------	-----------	-----------	-----------

Plug



D00040400	D00040500	D00040600	D00040800	D00041000	D00041200
-----------	-----------	-----------	-----------	-----------	-----------

End Stop



-	-	D000A0600	D000A0800	D000A1000	D000A1200
---	---	-----------	-----------	-----------	-----------

Union Elbow



D00400400	D00400500	D00400600	D00400800	D00401000	D00401200
-----------	-----------	-----------	-----------	-----------	-----------

Stem Elbow



D00430400	D00430500	D00430600	D00430800	D00431000	D00431200
-----------	-----------	-----------	-----------	-----------	-----------

Union Tee



D00600400	D00600500	D00600600	D00600800	D00601000	D00601200
-----------	-----------	-----------	-----------	-----------	-----------

Union Y



D00820400	-	D00820600	D00820800	D00821000	D00821200
-----------	---	-----------	-----------	-----------	-----------

Union Cross



D00900400	-	D00900600	D00900800	D00901000	D00901200
-----------	---	-----------	-----------	-----------	-----------

U Bend



-	-	D00890600	D00890800	D00891000	D00891200
---	---	-----------	-----------	-----------	-----------

Straight Union
(Unequal)



D2	D1 = 5 mm	D1 = 6 mm	D1 = 8 mm	D1 = 10 mm	D1 = 12 mm
4 mm	-	D00200604	D00200804	D20201004	-
5 mm	-	D00200605	D00200805	D00201005	-
6 mm	-	-	D00200806	D00201006	-
8 mm	-	-	-	D00201008	D00201208
10 mm	-	-	-	-	D00201210

Union Elbow
(Unequal)



D2	D1 = 5 mm	D1 = 6 mm	D1 = 8 mm	D1 = 10 mm	D1 = 12 mm
4 mm	-	-	D00400804	-	-
5 mm	-	-	D00400805	D00401005	-
6 mm	-	-	D00400806	D00401006	D00401206
8 mm	-	-	-	D00401008	D00401208
10 mm	-	-	-	-	D00401210

40° union elbow
(Unequal)



D2	D1 = 5 mm	D1 = 6 mm	D1 = 8 mm	D1 = 10 mm	D1 = 12 mm
6 mm	-	-	-	D005A1006	-
8 mm	-	-	-	-	D005A1208

Union Tee
(Unequal)



D2	D1 = 5 mm	D1 = 6 mm	D1 = 8 mm	D1 = 10 mm	D1 = 12 mm
6 mm	-	-	-	D006A1006*	-
10 mm	-	-	-	-	D006A1210*
10 mm	-	-	-	-	D006B1210*

*Type 6A denotes the reducing PIF as the middle PIF. Type 6B denotes the reducing PIF as the side PIF.

Union Y
(Unequal)



D2	D1 = 5 mm	D1 = 6 mm	D1 = 8 mm	D1 = 10 mm	D1 = 12 mm
8 mm	-	-	-	D00821008	-
12 mm	-	-	-	D00821012	-

Bulkhead Union
(Unequal)



D2	D1 = 5 mm	D1 = 6 mm	D1 = 8 mm	D1 = 10 mm	D1 = 12 mm
6 mm	-	-	-	D00291006	-
10 mm	-	D00290610	-	-	-

Three Way Splitter
(in/out)



D2	D1 = 5 mm	D1 = 6 mm	D1 = 8 mm	D1 = 10 mm	D1 = 12 mm
6 mm	-	-	-	D00911006	-
10 mm	-	-	-	-	D00911210

Stem Reducer
(Tube/Stem)



D1	D2 = 5 mm	D2 = 6 mm	D2 = 8 mm	D2 = 10 mm	D2 = 12 mm
4 mm	D00230504	D00230604	D00230804	-	-
5 mm	-	D00230605	D00230805	-	-
6 mm	-	-	D00230806	D00231006	-
8 mm	-	-	-	D00231008	D00231208
10 mm	-	-	-	-	D00231210

Stem Tailpiece
Adaptor
(barb/stem)



D1	D2 = 5 mm	D2 = 6 mm	D2 = 8 mm	D2 = 10 mm	D2 = 12 mm
4 mm	-	D00390604	-	-	-
5 mm	-	-	-	-	-
6 mm	-	-	D00390806	-	-
8 mm	-	-	-	D00391008	-
10 mm	-	-	-	-	D00391210

Stem Elbow
(Tube/Stem)



D1	D2 = 5 mm	D2 = 6 mm	D2 = 8 mm	D2 = 10 mm	D2 = 12 mm
10 mm	-	D00431006	D00431008	-	-

Hand Valve
(Union)



	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
	-	-	D00GR0600	-	D00GR1000	D00GR1200

Hand Valve
(male adaptor)



Thread	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
1/4 BSPT	-	-	D01GT0628	-	-	-
3/8 BSPT	-	-	-	-	D01GT1038	-
1/2 BSPT	-	-	-	-	-	D01GT1248

Hand Valve
(female adaptor)



Thread	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
1/4 BSPT	-	-	D01GU0628	-	-	-
3/8 BSPT	-	-	-	-	D01GU1038	D01GU1048
1/2 BSPT	-	-	-	-	D01GU1238	D01GU1248

PNEUFIT D METRIC ACCESSORIES

Cartridges
(Brass)



4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
D00080400B	D00080500B	D00080600B	D00080800B	D00081000B	D00081200B

Cartridges
(Stainless Steel)



D00080400G	D00080500G	D00080600G	D00080800G	D00081000G	D00081200G
------------	------------	------------	------------	------------	------------

Tube Support



-	-	-	D00330806	D00331008	D00331210
---	---	---	-----------	-----------	-----------

Double Seal
(Tube Support)



-	-	-	D00330806H	D00331008H	D00331210H
---	---	---	------------	------------	------------

Locking Clip



-	-	D0LC0600*	D0LC0800*	D0LC1000*	D0LC1200*
---	---	-----------	-----------	-----------	-----------

*00 denotes Red. Other colours are available on request

Flow Bend Clip



-	-	-	D005B0800	D005B1000	D005B1200
---	---	---	-----------	-----------	-----------

LDPE Tubing
(natural)



PE0004025C	PE0005025C	PE0006025C	PE0008025C	PE0010025C	PE0012025C
------------	------------	------------	------------	------------	------------

AUSTRALIA

Tel: +61 3 921 30 800
Fax: +61 3 921 30 890
enquiry@norgren.com.au

AUSTRIA

Tel: +43 22 36 63 520
Fax: +43 22 36 63 520 20
enquiry@at.norgren.com

BELGIUM & LUXEMBURG

Tel: +32 2 376 60 20
Fax: +32 2 376 26 34
enquiry@be.norgren.com

BRAZIL

Tel: +55 11 5698 4000
Fax: +55 11 5698 4001
vendas@norgren.com.br

CHINA

Tel: +86 21 64 85 69 09
Fax: +86 21 64 95 60 42
norgren@online.sh.cn

CZECH REPUBLIC

Tel: +420 465 612 879
Fax: +420 465 612 908
enquiry@cz.norgren.com

DENMARK

Tel: +45 44 91 41 66
Fax: +45 44 91 15 60
norgren@norgren.dk

FINLAND

Tel: +358 95 712 140
Fax: +358 95 712 1440
arki@imi-norgren.fi

FRANCE

Tel: +33 1 60 05 92 12
Fax: +33 1 60 06 08 52
norgren@norgren.fr

GERMANY

Tel: +49 2802 49-0
Fax: +49 2802 49356
info@norgren.de

HONG KONG

Tel: +852 2492 7608
Fax: +852 2498 5878
enquiry@hk.norgren.com

HUNGARY

Tel: +36 1 284 9000
Fax: +36 1 284 8980
info@norgren.hu

INDIA

Tel: +91 11 2681 7933
Fax: +91 11 2681 7932
enquiry@norgren.co.in.

IRELAND

Tel: +353 1 8300 288
Fax: +353 1 8300 082
norgren@indigo.ie

ITALY

Tel: +39 039 60 631
Fax: +39 039 60 63 301
d.aziendale@norgrenitalia.it

JAPAN

Tel: +81 6 6876 8913
Fax: +81 6 6876 8929
Japan@imi-norgren.com

MALAYSIA

Tel: +60 3 5121 9255
Fax: +60 3 5121 2889
enquiry@norgren.com.my

MEXICO

Tel: +52 55 5565 7521
Fax: +52 55 5565 7072
neumatica@norgren.com.mx

NETHERLANDS

Tel: +31 20 6822751
Fax: +31 20 6820983
enquiry@nl.norgren.com

NEW ZEALAND

Tel: +64 9 579 0189
Fax: +64 9 526 3398
enquiry@norgren.co.nz

NORWAY

Tel: +47 67 90 82 01
Fax: +47 67 97 06 24
norgren@norgren.no

POLAND

Tel: +48 22 518 9530
Fax: +48 22 518 9531
biuro@pl.norgren.com

SINGAPORE

Tel: +65 6862 1811
Fax: +65 6862 1916/17
enquiry@sg.norgren.com

SLOVENIA

Tel: +386 4 531 7550
Fax: +386 4 531 7555
info@si.norgren.com

SPAIN

Tel: +34 93 748 9800
Fax: +34 93 783 0838
norgren@norgren.es

SWEDEN

Tel: +46 40 59 51 00
Fax: +46 40 49 50 90
info@norgren.se

SWITZERLAND

Tel: +41 71 973 82 00
Fax: +41 71 973 82 01
norgren@norgren.ch

UK

Tel: +44 1543 265 000
Fax: +44 1543 265 811
enquiry@uk.norgren.com

USA

Tel: +1 303 794 2611
Fax: +1 303 795 9487
inquiry@usa.norgren.com

Supported by distributors worldwide

www.norgren.com

The Roundel, 'Norgren' and 'IMI' are registered trade marks
© IMI Norgren Limited 2004.
Due to our policy of continuous development, Norgren reserve the right to change specifications without prior notice.

z6728 IPS UK/12/04