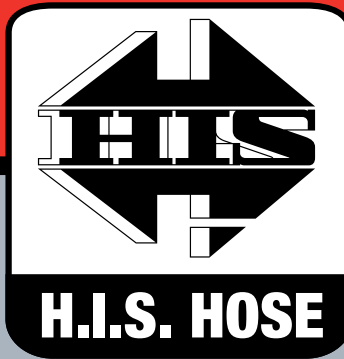


www.hishose.com.au

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H.I.S. HOSE

Proprietary Limited

INDUSTRIAL

CATALOGUE

PNEUMATIC PUSH-FIT FITTINGS



Quality
Endorsed
Company

600001 010227/01
301 Central
19/01/01 01/01/01

Industrial • Hydraulics • Ducting • Pneumatics

WESTERN BRANCH

28 Spencer Street
Sunshine West Vic 3020
Tel: (03) 8311 7400
Fax: (03) 9311 2322

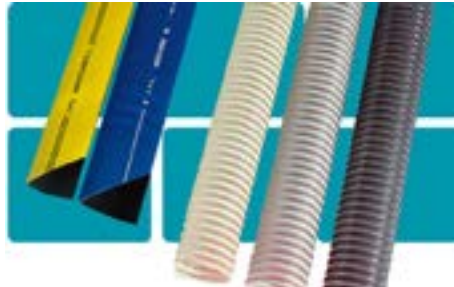
EASTERN BRANCH

73-81 Bessemer Drive
Dandenong South Vic 3175
Tel: (03) 9794 9299
Fax: (03) 9794 9992

NORTHERN BRANCH

169-171 Northbourne Rd
Campbellfield Vic 3061
Tel: (03) 9305 4600
Fax: (03) 9305 4231

Other Catalogues Available:



▶ *IPL Plastic Hose*



▶ *Barfell Plastic Hose & Tubes*



▶ *Industrial Rubber Hose*



▶ *Plastic Tubing & Recoil Hose*



▶ *Flexible Ducting*



▶ *Hose Clamps & Clips*

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PNEUFIT C COMPOSITE FITTINGS

INTRODUCTION

Norgren Pneufit® C fittings are ready to use, offering fast assembly with no need for tools and providing optimum flow. Pneufit® C offers a broad range of over 1,000 composite push-in pneumatic fittings to complement our established all brass Pneufit® series.

Releasable stainless-steel grab ring to grip nylon or polyurethane tube (85 or 95 durometer).

Nickel plated brass components provide corrosion and contamination resistance and an extended life. Pre applied thread sealant on all taper threads and recessed captive O-ring on parallel threads provides optimum rapid sealing. Immediate quality sealing using silicone free U-packing.

TECHNICAL DATA

MEDIUM: Compressed air

OPERATING PRESSURE: 750 mm Hg Vacuum, up to 10 bar

AMBIENT TEMPERATURE: 0 to 60 °C

Consult our Sales Department for use below +2 °C

TUBE SIZES: Standard sizes: 3, 4, 6, 8, 10, 12, 16 mm

THREAD SIZES: M5, M6, 1/8", 1/4", 3/8" and 1/2"
ISO G and ISO Rc

TUBING: Nylon 11 or 12
Polyurethane 85, 95 or 98 durometer

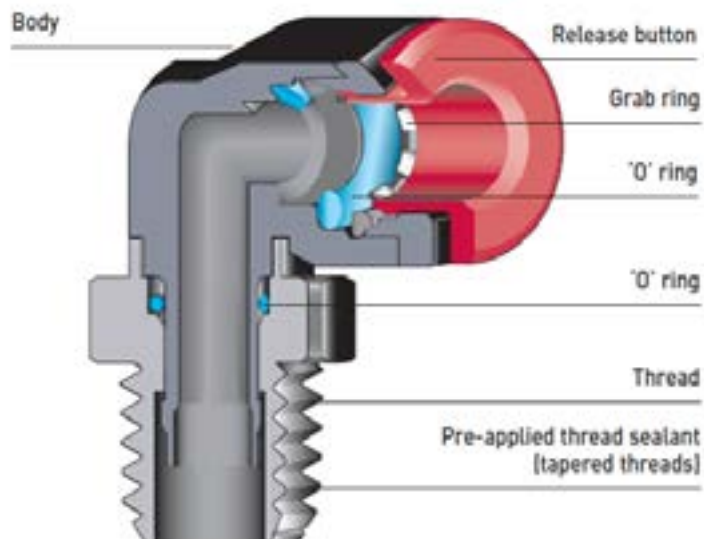
TUBE SIZES: 4, 6, 8, 10, 12, 16mm

MATERIALS

Body: PBT
Seals: NBR (silicone free) u-packing and O-rings
Threaded bodies: nickel plated brass
Release sleeve and backing ring: POM
Grab ring: stainless steel
Collar: nickel plated brass
Thread sealant: chemitech G-175L

WARNING:

The push-in tube fittings in this section must not be used in vehicle air braking and ancillary systems. For push-in fittings suitable for these applications please refer to Fleetfit fittings.



PNEUFIT C COMPOSITE FITTINGS (METRIC)



STRAIGHT ADAPTOR (EXT. & INT. HEX) BSPP



PRODUCT NO.	O.D. TUBE	BSPP THREAD
C02250405	4	M5
C02250406	4	M6
C02250418	4	G1/8
C02250428	4	G1/4
C02250438	4	G3/8
C02250605	6	M5
C02250606	6	M6
C02250618	6	G1/8
C02250628	6	G1/4
C02250638	6	G3/8
C02250818	8	G1/8
C02250828	8	G1/4
C02250838	8	G3/8
C02250848	8	G1/2
C02251018	10	G1/8
C02251028	10	G1/4
C02251038	10	G3/8
C02251048	10	G1/2
C02251228	12	G1/4
C02251238	12	G3/8
C02251248	12	G1/2
C02251638	16	G3/8
C02251648	16	G1/2

STRAIGHT ADAPTOR (EXT. & INT. HEX) BSPT



PRODUCT NO.	O.D. TUBE	BSPT THREAD
C01250418	4	R1/8
C01250428	4	R1/4
C01250438	4	R3/8
C01250618	6	R1/8
C01250628	6	R1/4
C01250638	6	R3/8
C01250648	6	R1/2
C01250818	8	R1/8
C01250828	8	R1/4
C01250838	8	R3/8
C01250848	8	R1/2
C01251018	10	R1/8
C01251028	10	R1/4
C01251038	10	R3/8
C01251048	10	R1/2
C01251218	12	R1/8
C01251228	12	R1/4
C01251238	12	R3/8
C01251248	12	R1/2
C01251638	16	R3/8
C01251648	16	R1/2

STRAIGHT ADAPTOR (INTERNAL HEX ONLY)



PRODUCT NO.	O.D. TUBE	BSPT THREAD
C022A0405	4	M5
C022A0406	4	M6
C012A0418	4	R1/8
C012A0428	4	R1/4
C012A0438	4	R3/8
C022A0605	6	M5
C022A0606	6	M6
C012A0618	6	R1/8
C012A0628	6	R1/4
C012A0638	6	R3/8
C012A0818	8	R1/8
C012A0828	8	R1/4
C012A0838	8	R3/8
C012A0848	8	R1/2
C012A1018	10	R1/8
C012A1028	10	R1/4
C012A1038	10	R3/8
C012A1048	10	R1/2
C012A1218	12	R1/8
C012A1228	12	R1/4
C012A1238	12	R3/8
C012A1248	12	R1/2

FEMALE ADAPTOR



PRODUCT NO.	O.D. TUBE	BSPP THREAD
C02260405	4	M5
C02260418	4	G1/8
C02260428	4	G1/4
C02260438	4	G3/8
C02260618	6	G1/8
C02260628	6	G1/4
C02260638	6	G3/8
C02260818	8	G1/8
C02260828	8	G1/4
C02260838	8	G3/8
C02260848	8	G1/2
C02261018	10	G1/8
C02261028	10	G1/4
C02261038	10	G3/8
C02261048	10	G1/2
C02261228	12	G1/4
C02261238	12	G3/8
C02261248	12	G1/2

PNEUMATIC FITTINGS

PNEUFIT C COMPOSITE FITTINGS

PNEUFIT C COMPOSITE FITTINGS (METRIC)

STRAIGHT ADAPTOR (FEMALE BULKHEAD)



PRODUCT NO.	O.D. TUBE	BSPP THREAD
C02320418	4	G1/8
C02320428	4	G1/4
C02320438	4	G3/8
C02320618	6	G1/8
C02320628	6	G1/4
C02320638	6	G3/8
C02320818	8	G1/8
C02320828	8	G1/4
C02320838	8	G3/8
C02321028	10	G1/4
C02321038	10	G3/8
C02321048	10	G1/2
C02321228	12	G1/4
C02321238	12	G3/8
C02321248	12	G1/2

BULKHEAD UNION



PRODUCT NO.	O.D. TUBE
C00290400	4
C00290600	6
C00290800	8
C00291000	10
C00291200	12

90° SWIVEL ELBOW ADAPTOR (BSPT)



PRODUCT NO.	O.D. TUBE	BSPT THREAD
C01470418	4	R1/8
C01470428	4	R1/4
C01470438	4	R3/8
C01470618	6	R1/8
C01470628	6	R1/4
C01470638	6	R3/8
C01470648	6	R1/2
C01470818	8	R1/8
C01470828	8	R1/4

C01470838	8	R3/8
C01470848	8	R1/2
C01471018	10	R1/8
C01471028	10	R1/4
C01471038	10	R3/8
C01471048	10	R1/2
C01471218	12	R1/8
C01471228	12	R1/4
C01471238	12	R3/8
C01471248	12	R1/2
C01471638	16	R3/8
C01471648	16	R1/2

90° SWIVEL ELBOW ADAPTOR (BSPP)



PRODUCT NO.	O.D. TUBE	BSPP THREAD
C02470405	4	M5
C02470406	4	M6
C02470418	4	G1/8
C02470428	4	G1/4
C02470438	4	G3/8
C02470605	6	M5
C02470606	6	M6
C02470618	6	G1/8
C02470628	6	G1/4
C02470638	6	G3/8
C02470818	8	G1/8
C02470828	8	G1/4
C02470838	8	G3/8
C02470848	8	G1/2
C02471018	10	G1/8
C02471028	10	G1/4
C02471038	10	G3/8
C02471048	10	G1/2
C02471228	12	G1/4
C02471238	12	G3/8
C02471248	12	G1/2
C02471638	16	G3/8
C02471648	16	G1/2

STRAIGHT UNION



PRODUCT NO.	O.D. TUBE
C00200400	4
C00200600	6
C00200800	8
C00201000	10
C00201200	12
C00201600	16

PNEUFIT C COMPOSITE FITTINGS (METRIC)



STRAIGHT UNION (UNEQUAL)



PRODUCT NO.	O.D. TUBE	O.D. TUBE
C00200604	6	4
C00200804	8	8
C00200806	8	8
C00201006	10	10
C00201008	10	10
C00201208	12	12
C00200210	12	12
C00201612	16	12

UNION TEE (UNEQUAL)



PRODUCT NO.	O.D. TUBE	BRANCH O.D.
C006A0604	6	4
C006A0806	8	6
C006A1006	10	6
C006A1008	10	8
C006A1208	12	8
C006A1210	12	10
C006A1610	16	10
C006A1612	16	12

UNION ELBOW



PRODUCT NO.	O.D. TUBE
C00400400	4
C00400600	6
C00400800	8
C00401000	10
C00401200	12
C00401600	16

SWIVEL TEE ADAPTOR (BSPT)



PRODUCT NO.	O.D. TUBE	BSPT THREAD
C01670418	4	R1/8
C01670428	4	R1/4
C01670438	4	R3/8
C01670618	6	R1/8
C01670628	6	R1/4
C01670638	6	R3/8
C01670648	6	R1/2
C01670818	8	R1/8
C01670828	8	R1/4
C01670838	8	R3/8
C01670848	8	R1/2
C01671018	10	R1/8
C01671028	10	R1/4
C01671038	10	R3/8
C01671048	10	R1/2
C01671218	12	R1/8
C01671228	12	R1/4
C01671238	12	R3/8
C01671248	12	R1/2
C01671638	16	R3/8
C01671648	16	R1/2

UNION TEE



PRODUCT NO.	O.D. TUBE
C00600400	4
C00600600	6
C00600800	8
C00601000	10
C00601200	12
C00601600	16

PNEUMATIC FITTINGS

PNEUFIT C
COMPOSITE FITTINGS

PNEUFIT C COMPOSITE FITTINGS (METRIC)

SWIVEL TEE ADAPTOR (BSPP)



PRODUCT NO.	O.D. TUBE	METRIC & BSPP THREAD
C02670405	4	M5
C02670406	4	M6
C02670418	4	G1/8
C02670428	4	G1/4
C02670438	4	G3/8
C02670605	6	M5
C02670606	6	M6
C02670618	6	G1/8
C02670628	6	G1/4
C02670638	6	G3/8
C02670648	6	G1/2
C02670818	8	G1/8
C02670828	8	G1/4
C02670838	8	G3/8
C02670848	8	G1/2
C02671018	10	G1/8
C02671028	10	G1/4
C02671038	10	G3/8
C02671048	10	G1/2
C02671228	12	G1/4
C02671238	12	G3/8
C02671248	12	G1/2
C02671638	16	G3/8
C02671648	16	G1/2

SWIVEL SIDE TEE ADAPTOR (BSPT)



PRODUCT NO.	O.D. TUBE	BSPT THREAD
C01880418	4	R1/8
C01880428	4	R1/4
C01880438	4	R3/8
C01880618	6	R1/8
C01880628	6	R1/4
C01880638	6	R3/8
C01880648	6	R1/2
C01880818	8	R1/8
C01880828	8	R1/4
C01880838	8	R3/8
C01880848	8	R1/2
C01881018	10	R1/8
C01881028	10	R1/4

C01881038	10	R3/8
C01881048	10	R1/2
C01881218	12	R1/8
C01881228	12	R1/4
C01881238	12	R3/8
C01881248	12	R1/2

SWIVEL SIDE TEE ADAPTOR (BSPP)



PRODUCT NO.	O.D. TUBE	METRIC & BSPP THREAD
C02680405	4	M5
C02680406	4	M6
C02680418	4	G1/8
C02680428	4	G1/4
C02680438	4	G3/8
C02680605	6	M5
C02680606	6	M6
C02680618	6	G1/8
C02680628	6	G1/4
C02680638	6	G3/8
C02680648	6	G1/2
C02680818	8	G1/8
C02680828	8	G1/4
C02680838	8	G3/8
C02680848	8	G1/2
C02681018	10	G1/8
C02681028	10	G1/4
C02681038	10	G3/8
C02681048	10	G1/2
C02681228	12	G1/4
C02681238	12	G3/8
C02681248	12	G1/2
C02681638	16	G3/8
C02681648	16	G1/2

BULKHEAD UNION ELBOW



PRODUCT NO.	O.D. TUBE
C00490400	4
C00490600	6
C00490800	8
C00491000	10
C00491200	12

PNEUFIT C COMPOSITE FITTINGS (METRIC)



PNEUMATIC FITTINGS

PNEUFIT C COMPOSITE FITTINGS

STEM REDUCER



PRODUCT NO.	O.D. TUBE	O.D. TUBE
C00230604	6	4
C00230804	8	4
C00230806	8	6
C00231006	10	6
C00231008	10	8
C00231206	12	6
C00231208	12	8
C00231210	12	10
C00231612	16	12

CAP (FEMALE PLUG)



PRODUCT NO.	O.D. TUBE
C00120400	4
C00120600	6
C00120800	8
C00121000	10
C00121200	12
C00121600	16

STEM EXPANDER (STEM/TUBE)



PRODUCT NO.	O.D. TUBE
C00230406	6
C00230608	8

STEM ELBOW



PRODUCT NO.	O.D. TUBE
C00430400	4
C00430600	6
C00430800	8
C00431000	10
C00431200	12
C00431600	16

STEM UNION



PRODUCT NO.	O.D. TUBE
C00220400	4
C00220600	6
C00220800	8
C00221000	10
C00221200	12
C00221600	16

BANJO



PRODUCT NO.	O.D. TUBE	METRIC & BSPP THREAD
COA510405	4	M5
COA510418	4	G1/8
COA510428	4	G1/4
COA510605	6	M5
COA510618	6	G1/8
COA510628	6	G1/4
COA510638	6	G3/8
COA510818	8	G1/8
COA510828	8	G1/4
COA510838	8	G3/8
COA510848	8	G1/2
COA511028	10	G1/4
COA511038	10	G3/8
COA511048	10	G1/2
COA511238	12	G3/8
COA511248	12	G1/2

PLUG



PRODUCT NO.	O.D. TUBE
C00040400	4
C00040600	6
C00040800	8
C00041000	10
C00041200	12
C00041600	16

PNEUFIT C COMPOSITE FITTINGS (METRIC)

STEM TEE



(EQUAL)

PRODUCT NO.	O.D. TUBE
C00630400	4
C00630600	6
C00630800	8
C00631000	10
C00631200	12

(UNEQUAL)

PRODUCT NO.	O.D. TUBE	STEM O.D.
C00630604	4	6
C00630806	6	8
C00631008	8	10
C00631210	10	12

STEM SIDE TEE



(EQUAL)

PRODUCT NO.	O.D. TUBE
C00640400	4
C00640600	6
C00640800	8
C00641000	10
C00641200	12

(UNEQUAL)

PRODUCT NO.	O.D. TUBE	STEM O.D.
C00640604	4	6
C00640806	6	8
C00641008	8	10
C00641210	10	12

SWIVEL Y ADAPTOR (BSPT)



PRODUCT NO.	O.D. TUBE	BSPT THREAD
C01880418	4	R1/8
C01880428	4	R1/4
C01880438	4	R3/8
C01880618	6	R1/8
C01880628	6	R1/4
C01880638	6	R3/8
C01880648	6	R1/2
C01880818	8	R1/8
C01880828	8	R1/4
C01880838	8	R3/8
C01880848	8	R1/2
C01881018	10	R1/8
C01881028	10	R1/4
C01881038	10	R3/8
C01881048	10	R1/2
C01881218	12	R1/8
C01881228	12	R1/4
C01881238	12	R3/8
C01881248	12	R1/2

SWIVEL Y ADAPTOR (BSPP)



PRODUCT NO.	O.D. TUBE	METRIC & BSPP THREAD
C02880405	4	M5
C02880406	4	M6
C02880418	4	G1/8
C02880428	4	G1/4
C02880438	4	G3/8
C02880605	6	M5
C02880606	6	M6
C02880618	6	G1/8
C02880628	6	G1/4
C02880638	6	G3/8
C02880648	6	G1/2
C02880818	8	G1/8
C02880828	8	G1/4
C02880838	8	G3/8
C02880848	8	G1/2
C02881018	10	G1/8
C02881028	10	G1/4
C02881038	10	G3/8
C02881048	10	G1/2
C02881228	12	G1/4
C02881238	12	G3/8
C02881248	12	G1/2

PNEUFIT C COMPOSITE FITTINGS (METRIC)



STEM Y



(EQUAL)

PRODUCT NO.	O.D. TUBE
C00840400	4
C00840600	6
C00840800	8
C00841000	10
C00841200	12

(UNEQUAL)

PRODUCT NO.	O.D. TUBE	O.D. STEM
C00840604	4	6
C00840806	6	8
C00841008	8	10
C00841210	10	12

UNION Y



(EQUAL)

PRODUCT NO.	O.D. TUBE
C00820400	4
C00820600	6
C00820800	8
C00821000	10
C00821200	12

(UNEQUAL)

PRODUCT NO.	O.D. TUBE	O.D. STEM
C00820604	4	6
C00820804	4	8
C00820806	6	8
C00821006	6	10
C00821008	8	10
C00821208	8	12
C00821210	10	12

QUADRUPLE Y ADAPTOR



PRODUCT NO.	O.D. TUBE	METRIC & BSPT THREAD
C01950418	4	R1/8
C01950428	4	R1/4
C01950618	6	R1/8
C01950628	6	R1/4
C02950418	4	G1/8
C02950428	4	G1/4
C02950618	6	G1/8
C02950628	6	G1/4

NYLON TUBE CUTTERS

Product No. 3000.71.00 Nylon Tube Cutters
 Product No. 3000.71.00.05 Spare Blades



PNEUMATIC FITTINGS

PNEUFIT C
COMPOSITE FITTINGS

FUNCTION FITTINGS

BANJO FLOW CONTROL (OUT) BSPT



PRODUCT NO.	O.D. TUBE	BSPT THREAD
OUT		
C0TA00418	4	R1/8
C0TA00428	4	R1/4
C0TA00618	6	R1/8
C0TA00628	6	R1/4
C0TA00638	6	R3/8
C0TA00818	8	R1/8
C0TA00828	8	R1/4
C0TA00838	8	R3/8
C0TA00848	8	R1/2
C0TA01028	10	R1/4
C0TA01038	10	R3/8
C0TA01048	10	R1/2
C0TA01228	12	R1/4
C0TA01238	12	R3/8
C0TA01248	12	R1/2

SHROUDED BANJO (OUT) BSPT



PRODUCT NO.	O.D. TUBE	BSPT THREAD
C0TB00418	4	R1/8
C0TB00428	4	R1/4
C0TB00618	6	R1/8
C0TB00628	6	R1/4
C0TB00638	6	R3/8
C0TB00818	8	R1/8
C0TB00828	8	R1/4
C0TB00838	8	R3/8
C0TB00848	8	R1/2
C0TB01028	10	R1/4
C0TB01038	10	R3/8
C0TB01048	10	R1/2
C0TB01228	12	R1/4
C0TB01238	12	R3/8
C0TB01248	12	R1/2

BANJO FLOW CONTROL (OUT) BSPP



PRODUCT NO.	O.D. TUBE	METRIC & BSPP THREAD
COK510305	3	M5
COK510405	4	M5
COK510418	4	G1/8
COK510428	4	G1/4
COK510605	6	M5
COK510618	6	G1/8
COK510628	6	G1/4
COK510638	6	G3/8
COK510818	8	G1/8
COK510828	8	G1/4
COK510838	8	G3/8
COK510848	8	G1/2
COK511028	10	G1/4
COK511038	10	G3/8
COK511048	10	G1/2
COK511228	12	G1/4
COK511238	12	G3/8
COK511248	12	G1/2

SHROUDED BANJO (OUT) BSPP



PRODUCT NO.	O.D. TUBE	METRIC & BSPP THREAD
COKB00405	4	M5
COKB00418	4	G1/8
COKB00428	4	G1/4
COKB00605	6	M5
COKB00618	6	G1/8
COKB00628	6	G1/4
COKB00638	6	G3/8
COKB00818	8	G1/8
COKB00828	8	G1/4
COKB00838	8	G3/8
COKB00848	8	G1/2
COKB01028	10	G1/4
COKB01038	10	G3/8
COKB01048	10	G1/2
COKB01228	12	G1/4
COKB01238	12	G3/8
COKB01248	12	G1/2

FUNCTION FITTINGS

SWIVEL BANJO FLOW CONTROL (OUT) BSPP



PRODUCT NO.	O.D. TUBE	METRIC & BSPP THREAD
COK560405	4	M5
COK560418	4	G1/8
COK560428	4	G1/4
COK560605	6	M5
COK560618	6	G1/8
COK560628	6	G1/4
COK560638	6	G3/8
COK560818	8	G1/8
COK560828	8	G1/4
COK560838	8	G3/8
COK561028	8	G1/2
COK561038	10	G1/4
COK561048	10	G3/8
COK561048	10	G1/2
COK561228	12	G1/4
COK561238	12	G3/8
COK561248	12	G1/2

BANJO FLOW CONTROL (IN) BSPT



PRODUCT NO.	O.D. TUBE	BSPT THREAD
COSA00418	4	R1/8
COSA00428	4	R1/4
COSA00618	6	R1/8
COSA00628	6	R1/4
COSA00638	6	R3/8
COSA00818	8	R1/8
COSA00828	8	R1/4
COSA00838	8	R3/8
COSA00848	8	R1/2
COSA01028	10	R1/4
COSA01038	10	R3/8
COSA01048	10	R1/2
COSA01228	12	R1/4
COSA01238	12	R3/8
COSA01248	12	R1/2

NYLON TUBE CUTTERS

Product No. 3000.71.00 Nylon Tube Cutters
 Product No. 3000.71.00.05 Spare Blades



IN-LINE FLOW CONTROL



PRODUCT NO.	O.D. TUBE
C00GE0400	4
C00GE0600	6
C00GE0800	8
C00GE1000	10
C00GE1200	12

PUSH-IN NON RETURN VALVE



Low cracking pressure. Releasable grab ring technology combining lastic and brass components for a compact and superior non-return design.

Operating pressure: 0.1-10 bar
 Temperature range: -20°C-80°C

PRODUCT NO.	O.D. TUBE
T51P0004	4
T51P0006	6
T51P0008	8
T51P00010	10
T51P00012	12

3/2 SHUT-OFF VALVES



PRODUCT NO.	O.D. TUBE
C00GF0600	6
C00GF0800	8
C00GF1000	10
C00GF1200	12

SHUT-OFF VALVES



PRODUCT NO.	O.D. TUBE
C01GH0618	6
C01GH0628	6
C01GH0638	6
C01GH0818	8
C01GH0828	8
C01GH0838	8
C01GH1028	10
C01GH1038	10
C01GH1048	10
C01GH1228	12
C01GH1238	12
C01GH1248	12



PNEUFIT COMPOSITE FITTINGS (IMPERIAL)

STRAIGHT UNION



PRODUCT NO.	O.D. TUBE
C20200300	3/16
C20200400	1/4
C20200600	3/8
C20200700	1/2

STRAIGHT UNION (UNEQUAL)



PRODUCT NO.	O.D. TUBE	O.D. TUBE
C00200604	3/8	1/4

STRAIGHT ADAPTOR (EXT. & INT. HEX) BSPT



PRODUCT NO.	O.D. TUBE	BSPT THREAD
C21250318	3/16	R1/8
C21250328	3/16	R1/4
C01250418	1/4	R1/8
C01250428	1/4	R1/4
C01250438	1/4	R3/8
C21250618	3/8	R1/8
C21250628	3/8	R1/4
C21250638	3/8	R3/8
C21250648	3/8	R1/2
C21250728	1/2	R1/4
C21250738	1/2	R3/8
C21250748	1/2	R1/2

FEMALE ADAPTOR



PRODUCT NO.	O.D. TUBE	BSPP THREAD
C21260418	1/4	G1/8
C21260428	1/4	G1/4
C21260628	3/8	G1/4
C21260638	3/8	G3/8

BULKHEAD UNION



PRODUCT NO.	O.D. TUBE
C20290300	3/16
C20290300	1/4
C20290300	3/8
C20290300	1/2

PNEUFIT COMPOSITE FITTINGS (IMPERIAL)



STEM UNION



PRODUCT NO.	O.D. TUBE
C20220300	3/16
C20220400	1/4
C20220600	3/8
C20220700	1/2

STEM ELBOW



PRODUCT NO.	O.D. TUBE
C20430300	3/16
C20430400	1/4
C20430600	3/8
C20430700	1/2

PLUG



PRODUCT NO.	O.D. TUBE
C20040300	3/16
C20040400	1/4
C20040600	3/8
C20040700	1/2

90° SWIVEL ELBOW ADAPTOR (BSPT)



PRODUCT NO.	O.D. TUBE	BSPT THREAD
C21470418	1/4	R1/8
C21470428	1/4	R1/4
C21470438	1/4	R3/8
C21470618	3/8	R1/8
C21470628	3/8	R1/4
C21470638	3/8	R3/8
C21470648	3/8	R1/2
C21470728	1/2	R1/4
C21470738	1/2	R3/8
C21470748	1/2	R1/2

CAP (FEMALE PLUG)



PRODUCT NO.	O.D. TUBE
C20120300	3/16
C20120400	1/4
C20120600	3/8
C20120700	1/2

IN-LINE FLOW CONTROL



PRODUCT NO.	O.D. TUBE
C20GE0400	1/4
C20GE0600	3/8
C20GE0700	1/2

UNION ELBOW



PRODUCT NO.	O.D. TUBE
C20400300	3/16
C20400400	1/4
C20400600	3/8
C20400700	1/2

PNEUMATIC FITTINGS

PNEUFIT C
COMPOSITE FITTINGS

PNEUFIT COMPOSITE FITTINGS (IMPERIAL)

UNION TEE



PRODUCT NO.	O.D. TUBE
C20600300	3/16
C20600400	1/4
C20600600	3/8
C20600700	1/2
C00601200	12
C00601600	16

SWIVEL TEE ADAPTOR (BSPT)



PRODUCT NO.	O.D. TUBE	BSPT THREAD
C21670318	3/16	R1/8
C21670418	1/4	R1/8
C21670428	1/4	R1/4
C21670438	1/4	R3/8
C21670448	1/4	R1/2
C21670618	3/8	R1/8
C21670628	3/8	R1/4
C21670638	3/8	R3/8
C21670648	3/8	R1/2
C21670728	1/2	R1/4
C21670738	1/2	R3/8
C01670748	1/2	R1/2

SWIVEL SIDE TEE ADAPTOR (BSPT)



PRODUCT NO.	O.D. TUBE	BSPT THREAD
C21680318	3/16	R1/8
C21680418	1/4	R1/8
C21680428	1/4	R1/4
C21680438	1/4	R3/8
C21680448	1/4	R1/2
C21680628	3/8	R1/4
C21680638	3/8	R3/8
C21680648	3/8	R1/2
C21680728	1/2	R1/4
C21680738	1/2	R3/8
C21680748	1/2	R1/2

UNION Y



(EQUAL)

PRODUCT NO.	O.D. TUBE
C20820300	3/16
C20820400	1/4
C20820600	3/8
C20820700	1/2

(UNEQUAL)

PRODUCT NO.	O.D. TUBE	O.D. STEM
C00820604	4	6
C00820804	4	8
C00820806	6	8
C00821006	6	10
C00821008	8	10
C00821208	8	12
C00821210	10	12

PNEUFIT PUSH-IN FITTINGS (METRIC)

- * Compact units featuring retained collets and positive tube anchorage
- * Silicone free O-ring seals
- * Non-PTFE based thread sealant on all BSP taper threads
- * Easy tube insertion for rapid assembly
- * Internal hexagon on straight adaptors allows assembly in confined spaces
- * For simple and quick assembly of pneumatic circuits
- * Wide range of types available.
- * Reliable and corrosion resistant.

MATERIALS

Body: Nickel plated brass or glass filled nylon

Collet: Nickel plated brass

'O' ring: Silicone free nitrile rubber

Sealing washer (parallel threads): Nitrile 'O'-ring

Thread sealant: Non-PTFE

TECHNICAL DATA

Medium:

Compressed air

OPERATING PRESSURE:

Vacuum: - 18 bar unless otherwise stated (dependant on tubing specification)

AMBIENT TEMPERATURE:

-20°C to +80°C

Consult our Technical Service for use below +2°C

TUBE SIZES:

5, 6, 8, 10, 12, 14 mm O/D

Warning: The push-in tube fittings in this section must not be used in vehicle air braking and ancillary systems. Contact the H.I.S. Hose Sales Department who can advise suitable push-in fittings for these applications.

TUBING:

Nylon 11 or 12, polyurethane and other plasticised or unplasticised tubing which conforms to the tolerances specified in BS5409/1:1976, light and normal duty.



PNEUMATIC FITTINGS

PNEUFIT
PUSH-IN FITTINGS

PNEUFIT PUSH-IN FITTINGS (METRIC)

STRAIGHT ADAPTOR BSPT THREAD



PRODUCT NO.	O.D. TUBE	BSPT THREAD
101250418	4	R1/8
101250428	4	R1/4
101250518	5	R1/8
101250528	5	R1/4
101250618	6	R1/8
101250628	6	R1/4
101250818	8	R1/8
101250828	8	R1/4
101250838	8	R3/8
101250848	8	R1/2
101251018	10	R1/8
101251028	10	R1/4
101251038	10	R3/8
101251048	10	R1/2
101251228	12	R1/4
101251238	12	R3/8
101251248	12	R1/2
101251438	14	R3/8
101251448	14	R1/2

STRAIGHT STEM ADAPTOR BSPB THREAD



PRODUCT NO.	O.D. TUBE	BSPT THREAD
102150418	4	G1/8
102150428	4	G1/4
102150518	5	G1/8
102150528	5	G1/4
102150618	6	G1/8
102150628	6	G1/4
102150818	8	G1/8
102150828	8	G1/4
102150838	8	G3/8
102151028	10	G1/4
102151038	10	G3/8
102151048	10	G1/2
102151238	12	G3/8
102151248	12	G1/2
102151438	14	G3/8
102151448	14	G1/2

STRAIGHT CONNECTOR



PRODUCT NO.	O.D. TUBE
100200400	4
100200500	5
100200600	6
100200800	8
100201000	10
100201200	12
100201400	14

BULKHEAD CONNECTOR



PRODUCT NO.	O.D. TUBE
100290400	4
100290500	5
100290600	6
100290800	8
100291000	10
100291200	12
100291400	14

MIXED BULKHEAD CONNECTOR



PRODUCT NO.	O.D. TUBE
100310404	4
100310606	6
100310808	8
100311010	10
100311212	12
100311414	14

PNEUFIT PUSH-IN FITTINGS (METRIC)



PNEUMATIC FITTINGS

PNEUFIT PUSH-IN FITTINGS

UNEQUAL STEM



PRODUCT NO.	REDUCING O.D. STEM	O.D. TUBE
100230504	5	4
100230604	6	4
100230605	6	5
100230804	8	4
100230805	8	5
100230806	8	6
100231004	10	4
100231005	10	5
100231006	10	6
100231008	10	8
100231204	12	4
100231205	12	5
100231206	12	6
100231208	12	8
100231210	12	10
100231406	14	6
100231408	14	8
100231410	14	10
100231412	14	12

EXPANDING

PRODUCT NO.	REDUCING O.D. STEM	O.D. TUBE
100230406	4	6
100230608	6	8

STEM STRAIGHT CONNECTOR



PRODUCT NO.	O.D. TUBE
100220400	4
100220500	5
100220600	6
100220800	8
100221000	10
100221200	12
100221400	14

STEM TAILPIECE ADAPTOR



PRODUCT NO.	O.D. STEM	HOSE BORE
100190505	5	6
100190605	6	6
100190606	6	8
100190806	8	8
100190808	8	9
100191010	10	12
100191210	12	12
100191212	12	15

STEM SILENCER



PRODUCT NO.	O.D. STEM
100110400	4
100110600	6
100110800	8
100111000	10
100111200	12

FIXED ELBOW ADAPTOR



PRODUCT NO.	O.D. TUBE	BSPT THREAD
101450418	4	R1/8
101450428	4	R1/4
101450518	5	R1/8
101450528	5	R1/4
101450618	6	R1/8
101450628	6	R1/4
101450818	8	R1/8
101450828	8	R1/4
101450838	8	R3/8
101450848	8	R1/2
101451018	10	R1/8
101451028	10	R1/4
101451038	10	R3/8
101451048	10	R1/2
101451228	12	R1/4
101451238	12	R3/8
101451248	12	R1/2

90° SWIVEL ELBOW ADAPTOR BSPT



PRODUCT NO.	O.D. TUBE	BSPT THREAD
101470418	4	R1/8
101470428	4	R1/4
101470518	5	R1/8
101470528	5	R1/4
101470618	6	R1/8
101470628	6	R1/4
101470638	6	R3/8
101470818	8	R1/8
101470828	8	R1/4
101470838	8	R3/8



PNEUMATIC FITTINGS

PNEUFIT PUSH-IN FITTINGS

PNEUFIT PUSH-IN FITTINGS (METRIC)

101470848	8	R1/2
101471018	10	R1/8
101471028	10	R1/4
101471038	10	R3/8
101471048	10	R1/2
101471228	12	R1/4
101471238	12	R3/8
101471248	12	R1/2
101471438	14	R3/8
101471448	14	R1/2

101540628	6	R1/4
101540818	8	R1/8
101540828	8	R1/4
101540838	8	R3/8
101541038	10	R3/8

90° SWIVEL ELBOW ADAPTOR METRIC BSPP



PRODUCT NO.	O.D. TUBE	METRIC & BSPP THREAD
102470403	4	M3
102470405	4	M5
102470418	4	G1/8
102470428	4	G1/4
102470505	5	M5
102470518	5	G1/8
102470528	5	G1/4
102470605	6	M5
102470618	6	G1/8
102470628	6	G1/4
102470818	8	G1/8
102470828	8	G1/4
102470838	8	G3/8
102470848	8	G1/2
102471018	10	G1/8
102471028	10	G1/4
102471038	10	G3/8
102471048	10	G1/2
102471228	12	G1/4
102471238	12	G3/8
102471248	12	G1/2
102471438	14	G3/8
102471448	14	G1/2

EXTENDED SWIVEL ELBOW ADAPTOR



PRODUCT NO.	O.D. TUBE	BSPT THREAD
101540418	4	R1/8
101540428	4	R1/4
101540618	6	R1/8

45° SWIVEL ADAPTOR



PRODUCT NO.	O.D. TUBE	BSPP THREAD
102570618	6	G1/8
102570628	6	G1/4
102570818	8	G1/8
102570828	8	G1/4

EQUAL ELBOW CONNECTOR



PRODUCT NO.	TUBE
100400400	4
100400500	5
100400600	6
100400800	8
100401000	10
100401200	12
100401400	14

STEM ELBOW CONNECTOR



EQUAL		
PRODUCT NO.	O.D. TUBE	O.D. STEM
100430400	4	4
100430600	6	6
100430800	8	8
100430805	8	5

EXTENDED		
PRODUCT NO.	O.D. TUBE	O.D. STEM
100440600	6	6

PNEUFIT PUSH-IN FITTINGS (METRIC)

BULKHEAD SWIVEL ELBOW CONNECTOR



PRODUCT NO.	O.D. TUBE
100490400	4
100490500	5
100490600	6
100490800	8
100491000	10
100491200	12
100491400	14

FIXED TEE ADAPTOR



PRODUCT NO.	O.D. TUBE	BSPT THREAD
101650418	4	R1/8
101650518	5	R1/8
101650618	6	R1/8
101650628	6	R1/4
101650818	8	R1/8
101650828	8	R1/4
101651028	10	R1/4
101651228	12	R1/4

SWIVEL TEE ADAPTOR BSPP



PRODUCT NO.	O.D. TUBE	METRIC & BSPP THREAD
102670405	4	M5
102670418	4	G1/8
102670505	5	M5
102670518	5	G1/8
102670528	5	G1/4
102670605	6	M5
102670618	6	G1/8
102670628	6	G1/4
102670818	8	G1/8
102670828	8	G1/4
102670838	8	G3/8
102671028	10	G1/4
102671038	10	G3/8
102671228	12	G1/4
102671238	12	G3/8
102671438	14	G3/8
102671448	14	G1/2

SWIVEL TEE ADAPTOR BSPT



PRODUCT NO.	O.D. TUBE	BSPT THREAD
101670418	4	R1/8
101670428	4	R1/4
101670518	5	R1/8
101670618	6	R1/8
101670628	6	R1/4
101670818	8	R1/8
101670828	8	R1/4
101670838	8	R3/8
101671028	10	R1/4
101671038	10	R3/8
101671048	10	R1/2
101671228	12	R1/4
101671238	12	R3/8
101671248	12	R1/2
101671438	14	R3/8
101671448	14	R1/2

EQUAL TEE CONNECTOR



PRODUCT NO.	O.D. TUBE
100600400	4
100600500	5
100600600	6
100600800	8
100601000	10
100601200	12
100601400	14

FIXED SIDE TEE ADAPTOR



PRODUCT NO.	O.D. TUBE	BSPT THREAD
101750618	6	R1/8
101750818	8	R1/8
101750828	8	R1/4



PNEUMATIC FITTINGS

PNEUFIT PUSH-IN FITTINGS

PNEUMATIC PUSH-IN FITTINGS (IMPERIAL)

FEATURES:

- * For simple and quick assembly of pneumatic circuits.
- * Positive tube anchorage.
- * Wide range of types available.
- * Reliable and corrosion resistant.

TECHNICAL DATA: Medium: Compressed air.

OPERATING PRESSURE: Vacuum -18 bar unless otherwise stated (dependent on tubing specification).

AMBIENT TEMPERATURE: -20°C to +80°C. Consult our technical service for use below +2°C.

MATERIALS: Collet and body manufactured from bar: nickel-plated brass to BS 2874: 1986 (CZ121).
Body manufactured from stamping: nickel plated brass to BS 2872: 1969 (CZ122),
'O' Ring: Silicon free nitrile rubber
Sealing washer (parallel threads): nitrile 'O' ring.
Thread sealant: non-PTFE.

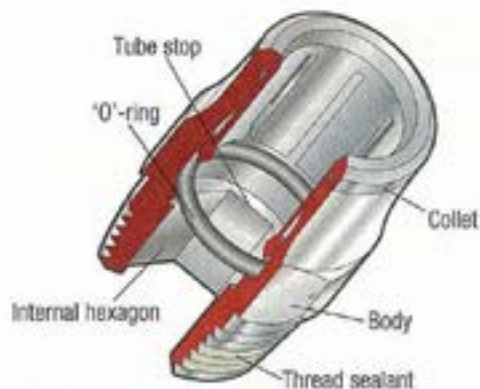
TUBE SIZES:

1/8", 3/16", 1/4", 5/16", 3/8", 1/2" O/D

Warning: The push-in tube fittings in this section must not be used in vehicle air braking and ancillary systems.

For push-in fittings suitable for these applications please consult our technical service for details.

TUBE TYPES: Nylon 11 or 12 and other plasticised or unplasticised tubing which conforms to the tolerances specified in BS5409, Part 1, 1976.



PNEUMATIC PUSH-IN FITTINGS (IMPERIAL)

STRAIGHT CONNECTOR



PRODUCT NO.	O.D. TUBE
120200100	1/8
120200200	5/32
120200300	3/16
120200400	1/4
120200500	5/16
120200600	3/8
120200700	1/2

STRAIGHT ADAPTOR



PRODUCT NO.	O.D. TUBE	Thread
122250105	1/8	M5x0,8
122250305	3/16	M5x0,8
122250405	1/4	M5x0,8

BULKHEAD CONNECTOR



PRODUCT NO.	O.D. TUBE	Thread
120290100	1/8	M10x1,0
120290200	5/32	M10x1,0
120290300	3/16	M12x1,0
120290400	1/4	M14x1,5
120290500	5/16	M16x1,5
120290600	3/8	M20x1,5
120290700	1/2	M24x1,5

ELBOW CONNECTOR



PRODUCT NO.	O.D. TUBE
120400100	1/8
120400200	5/32
120400300	3/16
120400400	1/4
120400500	5/16
120400600	3/8
120400700	1/2

STRAIGHT ADAPTOR



PRODUCT NO.	BSP Taper	O/D TUBE
121250118	1/8	1/8
121250318	1/8	3/16
121250328	1/4	3/16
121250418	1/8	1/4
121250428	1/4	1/4
121250518	1/8	5/16
121250528	1/4	5/16
121250538	1/2	5/16
121250628	1/4	3/8
121250638	3/8	3/8
121250648	1/2	3/8
121250728	1/4	1/2
121250738	3/8	1/2
121250748	1/2	1/2

SWIVEL ELBOW ADAPTOR



PRODUCT NO.	BSP Taper	O/D TUBE
121470118	1/8	1/8
121470318	1/8	3/16
121470328	1/4	3/16
121470418	1/8	1/4
121470428	1/4	1/4
121470628	1/4	3/8
121470638	3/8	3/8
121470648	1/2	3/8
121470728	1/4	1/2
121470738	3/8	1/2
121470748	1/2	1/2



PNEUMATIC FITTINGS

PNEUFIT PUSH-IN FITTINGS

PNEUMATIC PUSH-IN FITTINGS (IMPERIAL)

TEE CONNECTOR



PRODUCT NO.	O.D. TUBE
120600100	1/8
120600200	5/32
120600300	3/16
120600400	1/4
120600500	5/16
120600600	3/8
120600700	1/2

SWIVEL SIDE TEE ADAPTOR



PRODUCT NO.	BSP Taper	O/D TUBE
121680318	1/8	3/16
121680328	1/4	3/16
121680418	1/8	1/4
121680428	1/4	1/4
121680628	1/4	3/8
121680638	3/8	3/8
121680728	1/4	1/2

SWIVEL TEE ADAPTOR



PRODUCT NO.	BSP Taper	O/D TUBE
121670318	1/8	3/16
121670328	1/4	3/16
121670418	1/8	1/4
121670428	1/4	1/4
121670628	1/4	3/8
121670638	3/8	3/8
121670648	1/2	3/8
121670728	1/4	1/2
121670738	3/8	1/2

NYLON TUBE CUTTERS

Product No. 3000.71.00 Nylon Tube Cutters
 Product No. 3000.71.00.05 Spare Blades



PNEUMATIC ACCESSORIES



SILENCERS SINTERED BRONZE

Product No.	BSP Male
T40B1800	1/8"
T40B2800	1/4"
T40B3800	3/8"
T40B4800	1/2"
T40B6800	3/4"



SHUTTLE VALVES

Product No.	BSP Female
T65C1800	1/8"
T65C2800	1/4"



TIME DELAY VALVES

Product No.	BSP Female
M/1430	1/8"



Range: 0.2 - 5 sec.

EXHAUST PORT SILENCERS PLASTIC

Product No.	BSP Male
M/1545	M5
M/S1	1/8"
M/S2	1/4"
M/S3	3/8"
M/S4	1/2"
M/S6	3/4"



R24/11-824 'MICRO-TROL' REGULATORS

Product No.	BSP Female
R24-200-RNLG	1/4"
R24-300-RNLG	3/8"
R24-400-RNLG	1/2"
11-824-043	3/4"
11-824-044	1"



EXHAUST PORT FILTERS

Product No.	BSP Male
M/1511	1/8"
M/1512	1/4"
M/1514	1/2"
M/1516	3/4"
M/1518	1"



FLOW CONTROL VALVES

Product No.	BSP Female
T1000C1800	1/8"
T1000C2800	1/4"
T1000C3800	3/8"
T1000C4800	1/2"



QUICK EXHAUST VALVES

Product No.	BSP Female
S/513	1/4" - 3/8"
S/514	1/2" - 3/4"



Product No.	BSP Female
VSR-1/8	1/8"
VSR-1/4	1/4"
VSR-3/8	3/8"
VSR-1/2	1/2"
VSR-3/4	3/4"



NON-RETURN VALVES

Product No.	BSP Female
S/520	1/8"
S/521	1/4"
S/532	3/8"
S/522	1/2"
S/523	3/4"
S/524	1"



GAST VACUUM GENERATORS



Product No.	Style	Mounting	A	B	C	D	F	Cleats
VG2092	Flat	.06" Slip	.260	.187	.045	.110	.06	No
VG2093	Flat	.12" Slip	.50	.48	.12	.37	.12	No
VG2094	Bellows	.15" Slip	.50	.56	.38	.31	.15	No
VG2095	Bellows	.38" Slip	1.0	1.42	.62	.62	.38	Yes
VG2096	Flat	.37" Slip	1.0	11.0	.28	.68	.37	Yes
VG2097	Bellows	.25" NPTF	2.0	11.86	1.12	.75	.25	No
VG2098	Flat	.25" NPTF	2.0	.62	.25	1.56	.25	Yes
VG2099	Flat	.375" NPTF	3.25	1.06	.44	2.25	.375	Yes
VG2100	Bellows	.375" NPTF	3.31	2.38	2.18	2.38	.375	No
VG2101	Flat	.375" NPTF	4.75	1.18	1.0	1.62	.375	Yes

PRESSURE GAUGES

- Monitor pressures in compressed air systems for optimum efficiency
- Triple calibrated dials: bar, psi and Mpa
- Choice of pressure ranges
- Can be direct or panel mounted
- Conform to BS ISO837-1
- Plastic or stainless steel bodies

TECHNICAL DATA

Medium:

Compressed air, oil and gases or liquids which do not corrode copper alloys

Operating Temperature:

-20°C* to +60°C

*Consult our Technical Service for use below +2°C

Operating Pressure:

0 - 1,6 bar

0 - 4 bar

STANDARD PRESSURE GAUGES

Connection/Type	Pressure Range (bar)	Port Connection	Nominal Diameter†	Model	Weight kg
Centre back	0 - 1,6	R1/8	50	18-013-010	0,83
Centre back	0 - 4	R1/8	50	18-013-011	0,83
Centre back	0 - 6	R1/8	50	18-013-012	0,83
Centre back	0 - 10	R1/8	50	18-013-013	0,83
Centre back	0 - 25	R1/8	50	18-013-014	0,83
Centre back (min)	0 - 25	1/4 x 18 N.P.T.	40	18-013-905*	0,93
Centre back (min)	0 - 25	R1/8	40	18-013-908	0,67
Centre back (min)	0 - 10	1/4 x 18 N.P.T.	40	18-013-909*	0,80
Centre back (min)	0 - 6	1/4 x 18 N.P.T.	40	18-013-913*	0,21
Centre back (min)	0 - 10	R1/8	40	18-013-989	0,05
Centre back (min)	0 - 4	R1/8	40	18-013-990	0,05
Centre back (min)	0 - 1,6	R1/8	40	18-013-991	0,04
Centre back (panel mounted)	0 - 25	G1/8A	62	18-013-992	0,14
Centre back (panel mounted)	0 - 10	G1/8A	62	18-013-993	0,13
Centre back (panel mounted)	0 - 6	G1/8A	62	18-013-994	0,14
Centre back (panel mounted)	0 - 4	G1/8A	62	18-013-995	0,13
Centre back (panel mounted)	0 - 1,6	G1/8A	62	18-013-996	0,14
Bottom	0 - 1,6	R1/8	50	18-013-024	0,67
Bottom	0 - 4	R1/8	50	18-013-025	0,63
Bottom	0 - 6	R1/8	50	18-013-026	0,86
Bottom	0 - 10	R1/8	50	18-013-027	0,87
Bottom	0 - 25	R1/8	50	18-013-028	0,90

†Actual case diameter may exceed nominal diameter by 5 mm.

*Stainless steel cases with stainless steel movements for 22 Series range. All stainless steel gauges are not strictly to NACE standard MR-01-75.

NON-STANDARD MODELS

For Pressure Gauges with stainless steel cases and brass movements or other options, please consult our Technical Service.



NYLON TUBING



PNEUMATIC FITTINGS

BLUE BRAND FLEXIBLE RANGE

APPLICATION: MEDIUM PRESSURE - HEAT, LIGHT & CHEMICAL RESISTANT

Colours: Natural, black, blue, green, red & yellow.

IMPERIAL

Product No.	OD	ID	Wall Thickness	RWP PSI	Bar	Min. Burst PSI	Bar	Kg 100m	Min. Bend Radius
NT1/8N	1/8	0.087	0.019	250	17.2	1000	69	0.60	3/4
NT3/16N	3/16	0.125	0.031	250	17.2	1000	69	1.00	1
NT1/4N	1/4	0.169	0.040	250	17.2	1000	69	1.80	1.1/2
NT5/16N	5/16	0.214	0.049	250	17.2	1000	69	2.80	2
NT3/8N	3/8	0.258	0.058	250	17.2	1000	69	3.90	2.1/2
NT1/2N	1/2	0.347	0.076	250	17.2	1000	69	6.90	3.1/2

Note: All Product Nos. shown are for Natural - for colours substitute following for last letter. BK=Black, B=Blue, G=Green, R=Red, Y=Yellow.

METRIC

NT04N	4	2.7	0.65	290	20	1160	80	0.72	28
NT05N	5	3.3	0.85	290	20	1160	80	1.16	35
NT06N	6	4.0	1.00	290	20	1160	80	1.60	42
NT08N	8	5.2	1.40	290	20	1160	80	3.00	56
NT10N	10	6.6	1.70	290	20	1160	80	4.60	70
NT12N	12	8.0	2.00	290	20	1160	80	6.60	84

YELLOW BRAND HIGH PRESSURE/HEAVY WALL

APPLICATION: HIGH PRESSURE - HEAT, LIGHT & CHEMICAL RESISTANT

Colours: Natural, black

IMPERIAL

Product No.	OD	ID	Wall Thickness	RWP PSI	Bar	Min. Burst PSI	Bar	Kg 100m	Min. Bend Radius
NTHP1/8N	1/8	0.078	0.023	625	43	2500	172	0.50	3/4
NTHP3/16N	3/16	0.110	0.038	625	43	2500	172	1.30	1.1/4
NTHP1/4N	1/4	0.147	0.050	625	43	2500	172	2.20	1.3/4
NTHP5/16N	5/16	0.186	0.062	625	43	2500	172	3.30	2.1/4
NTHP3/8N	3/8	0.224	0.074	625	43	2500	172	4.80	3
NTHP1/2N	1/2	0.303	0.097	625	43	2500	172	8.40	4

Note: All Product Nos. shown are for Natural - for black substitute BK.

ORANGE BRAND LOW PRESSURE TUBING

APPLICATION: HIGH PRESSURE - HEAT, LIGHT & CHEMICAL RESISTANT

Colours: Natural, black

IMPERIAL

Product No.	OD	ID	Wall Thickness	RWP PSI	Bar	Min. Burst PSI	Bar	Kg 100m	Min. Bend Radius
NT5/8N	5/8	0.495	0.065	125	8.5	500	34.5	7.70	4.3/8
NT3/4N	3/4	0.590	0.080	125	8.5	500	34.5	11.00	5.1/4
NT1N	1	0.820	0.090	125	8.5	500	34.5	17.30	7

Note: All Product Nos. shown are for Natural - for black substitute BK.

NYLON TUBE RECOMMENDED MAXIMUM WORKING PRESSURE

Temp.F	0	32	50	75	100	125	150	175*	200*	225*	250*
C	-18	0	10	25	38	52	66	80*	93*	107*	120*
BLUE Brand Imperial	600	575	550	500	400	315	240	175	125	85	60
BLUE Brand Metric	680	650	625	575	450	380	275	200	140	90	65
YELLOW Brand Imperial	1100	1075	1050	1000	800	625	475	350	250	170	120
ORANGE Brand Imperial	300	290	275	250	200	160	120	90	60	40	33

*For continuous operation at these temperatures, only black tubing should be used. All dimensions for imperial tubing: inches. All dimensions for metric tubing: millimetres.



NYLON TUBING



H.I.S. HOSE

Proprietary Limited



ON-SITE INSTALLATION & SERVICE

1800 803 222

FLUID POWER SERVICE