



EFORT
COUPLINGS - VALVES - TUBING

FLUIDTECH

Our products are designed for water, food and air contact but can be used with selected gases, vacuum & other liquids.

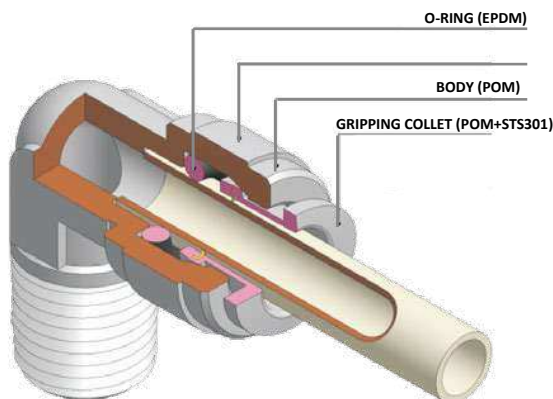
Easy actions allow the tube to be connected and released quickly, saving time and expenses.

Fluidtech products are made of NSF and ACS approved non-toxic material. According to DVGW worksheet W 270, materials which are used in the drinking water sector, must have a surface which excludes an unwanted surface fouling by microorganisms.

Fluidtech Europe's POM (colors Black, Grey and Natural) is suitable for the use in drinking water systems according to the results of the microbiological examinations pursuant to DVGW Technical standard W 270 (11/2007). Fluidfit meets the requirements for the product group:

Fittings for pipes with DN < 80 mm in contact with cold water (23°C).

MATERIALS



COLOR CODES

93060-8	B (BLACK) (metric)	
93060-9,52	G (GREY) (imperial)	

MAXIMUM TORQUE VALUES

FOR BSP, BSPT AND NPT PLASTIC THREADS

Threads	1/8"	1/4"	3/8"	1/2"	3/4"
Max Torque	1.5 Nm	1.5 Nm	3.0 Nm	3.0 Nm	4.0 Nm

TECHNICAL DATA

Fluid Type	Water, Beverages, Vacuum, Compressed Air, Gases & Liquids suitable with Construction Materials
Working temperature	from -20°C to 98°C: dry air from 1°C to 98°C: air & fluids * *Please be advised that NSF standards cover only the temperature range from 1°C to 70°C. System performances always depend from fittings, tubes and possible other items and accessories used. It is responsibility of the users to cross check the technical features of each SINGLE component in order to avoid possible failures and damages.
Pressure	From - 750 mmHg up to 20 Bar Depending from the tubes & temperatures applied.
Tube Type (Plastic)	Polyethylene (PE) - Polyamide (PA) Polyurethane (PU) - PTFE - FEP
Tube Type (Soft Metal)	Brass - Copper - Mild Steel - Aluminum
Tube Type (Hard Metal)	Please check page 5 to create groove

Certifications & Conformity Desclarations



WRAS

Fluidfit standard fittings and flow regulators are conformed to the UK standards for potable water



EC 1935/2004

Materials and articles intended to come in contact with food



D.M. 174/2004

Materials and objects can be used in fixed catching installations, adduction treatment and water distribution for human consumption



ICIM

Food contact materials

Products and components in contact with food according to FCM (Food Contact Materials) regulations



ICIM

Water contact materials

0415CS Products and components in contact with water intended for human consumption (drinking water)



ACS

Materials and objects can be used in fixed catching installations, adduction treatment and water distribution for human consumption



NSF

Food Equipment Materials
Drinking Water
System Components

NSF51 - NSF61

W270

DVGW W270

Drinking water approval for materials

According to DVGW worksheet W 270, materials are tested regarding the growth of microorganisms

KTW

KTW Guideline

cold water (23°C)

Fluidfit was tested according to the Guideline on the hygienic assessment of organic materials in contact with drinking water of the German Environment Agency



REACH

Entry, estimate, authorization and restriction of the chemical substances



RoHS 3

Restriction of the use of certain hazardous substances in electrical and electronic equipment



TUBING PE (mm)

PE- 04025-0100M-B	2,5 x 4 mm	100 mtr - Blue
PE- 0604-0100M-B	4 x 6 mm	100 mtr - Blue
PE- 0806-0100M-B	6 x 8 mm	100 mtr - Blue
PE- 1007-0100M-B	7 x 10 mm	100 mtr - Blue
PE- 1209-0100M-B	9 x 12 mm	100 mtr - Blue
PE- 15115-0100M-B	11,5 x 15 mm	100 mtr - Blue

TUBING PE (inch)

PE-08-BI-0500 F-B	1/4" (4,32x 6,35 mm)	152 mtr - Blue
PE-10-CI-0500 F-B	5/16" (4,75 x 8 mm)	152 mtr - Blue
PE-12-EI-0500 F-B	3/8" (6,35 x 9,52 mm)	152 mtr - Blue
PE-16-GI-0250F-B	1/2" (9,52 x 12,7 mm)	76 mtr - Blue

Other colours also available



TUBING PE (mm)

1015Y06F04	4 x 6 mm	150 mtr - Blue
1030Y06F04	4 x 6 mm	300 mtr - Blue
1015Y08F04	6 x 8 mm	150 mtr - Blue
1015Y10F04	7 x 10 mm	150 mtr - Blue
1075Y12F04	9 x 12 mm	75 mtr - Blue

TUBING PE (inch)

1098Y56F04	1/4" (4,32x 6,35 mm)	152 mtr - Blue
1098Y60F04	3/8" (6,35 x 9,52 mm)	152 mtr - Blue
1096Y62F04	1/2" (9,52 x 12,7 mm)	76 mtr - Blue

Other colours also available



METRIC SIZE



UNION

- 91060-4-4
- 91060-6-6
- 91060-8-8
- 91060-10-10
- 91060-12-12
- 91060-15-15
- 91060-22-22



ELBOW

- 92060-4-4
- 92060-6-6
- 92060-8-8
- 92060-10-10
- 92060-12-12
- 92060-15-15
- 92060-22-22



T

- 93060-4-4-4
- 93060-6-6-6
- 93060-8-8-8
- 93060-10-10-10
- 93060-12-12-12
- 93060-15-15-12
- 93060-22-22-12



Y

- 95060-4-4-4
- 95060-6-6-6
- 95060-8-8-8
- 95060-10-10-10
- 95060-12-12-12



BULKHEAD

- 91560-4-4
- 91560-6-6
- 91560-8-8
- 91560-10-10
- 91560-12-12



ELBOW

- 92060-6-4
- 92060-8-6
- 92060-8-8
- 92060-10-6
- 92060-10-8
- 92060-12-6
- 92060-12-8
- 92060-12-10



REDUCTION

- 91060-6-4
- 91060-8-4
- 91060-8-6
- 91060-10-6
- 91060-10-8
- 91060-12-8
- 91060-12-10



REDUCTION

- (stem -> tubing)
- 91860-6-4
- 91860-8-4
- 91860-8-6
- 91860-10-6
- 91860-10-8
- 91860-12-8
- 91860-12-10
- 91860-15-10
- 91860-15-12
- 91860-22-15



STEM ELBOW

- 92660-A4-4
- 92660-A6-6
- 92660-A8-6
- 92660-A8-8
- 92660-A10-6
- 91660-A10-8
- 92660-A10-10
- 92660-A12-12
- 92660-A15-15
- 92660-A22-22



STEM T

- 93660-A4-4
- 93660-A6-6
- 93660-A8-8
- 93660-A10-10
- 93660-A12-12



MALE ADAPTOR BSPP

- With O-ring
- 91604-4-1/8
- 91604-4-1/4
- 91604-6-1/8
- 91604-6-1/4
- 91604-8-1/8
- 91604-8-1/4
- 91604-8-3/8
- 91604-10-1/4
- 91604-10-3/8
- 91604-10-1/2
- 91604-12-1/4
- 91604-12-3/8
- 91604-12-1/2
- 91604-15-3/8
- 91604-15-1/2
- 91604-22-1/2
- 91604-22-3/4



MALE ADAPTOR BSPT

- 91600-4-1/8
- 91600-4-1/4
- 91600-6-1/8
- 91600-6-1/4
- 91600-8-1/8
- 91600-10-1/4
- 91600-10-3/8
- 91600-10-1/2
- 91600-12-1/4
- 91600-12-3/8
- 91600-12-1/2



CAP

- 90060-4
- 90060-6
- 90060-8
- 90060-10
- 90060-12
- 90060-15
- 90060-22



CROSS

- 94060-6
- 94060-8
- 94060-10
- 94060-12



HOSE BARB

- (stem -> hosebarb)
- 90503-A6-4
- 90503-A6-6
- 90503-A10-6
- 90503-A10-8
- 90503-A10-10
- 90503-A12-10



PLUG

- 90002-4
- 90002-6
- 90002-8
- 90002-10
- 90002-12
- 90002-15
- 90002-22



MALE UNION BSPT

91160-4-1/8
91160-6-1/8
91160-6-1/4
91160-6-3/8
91160-6-1/2
91160-8-1/8
91160-8-1/4
91160-8-3/8
91160-8-1/2
91160-10-1/4
91160-10-3/8
91160-10-1/2
91160-12-3/8
91160-12-1/2



MALE UNION BSPP

with O-ring
91164-4-1/8
91164-4-1/4
91164-6-1/8
91164-6-1/4
91164-8-1/8
91164-8-1/4
91164-8-3/8
91164-8-1/2
91164-10-1/4
91164-10-3/8
91164-10-1/2
91164-12-3/8
91164-12-1/2
91164-15-1/2
91164-15-3/4
91164-22-3/4



MALE ELBOW BSPT

92460-4-1/8
92460-4-1/4
92460-6-1/8
92460-6-1/4
92460-6-3/8
92460-8-1/4
92460-8-3/8



FEMALE UNION BSP

91260-4-1/8
91260-6-1/8
91260-6-1/4
91260-6-3/8
91260-6-3/4 *
91260-8-1/8
91260-8-1/4
91260-8-3/8
91260-8-1/2
91260-8-3/4 *
91260-10-1/4
91260-10-3/8
91260-10-1/2
91260-10-5/8
91260-10-3/4 *
91260-12-1/4
91260-12-3/8
91260-12-1/2
91260-15-1/2
91260-15-3/4

* = Thread in brass



MALE ELBOW BSPT

92160-4-1/8
92160-4-1/4
92160-6-1/8
92160-6-1/4
92160-8-1/8
92160-8-1/4
92160-8-3/8
92160-10-1/4
92160-10-3/8
92160-10-1/2
92160-12-3/8
92160-12-1/2



MALE ELBOW BSPP

With O-ring
92164-4-1/8
92164-4-1/4
92164-6-1/8
92164-6-1/4
92164-8-1/8
92164-8-1/4
92464-8-1/4
92464-8-3/8
92164-10-1/4
92164-10-3/8
92164-10-1/2
92164-12-3/8
92164-12-1/2



CLIPS

90CLIP04
90CLIP06
90CLIP08
90CLIP10
90CLIP12
90CLIP15
90CLIP22



VALVE

97060-6
97060-8
97060-10
97060-12



CHECKVALVE

97360-6
97360-8
97360-10
97360-12



UNION

91060-6,35-6,35
91060-7,94-7,94
91060-9,52-9,52
91060-12,7-12,7



ELBOW

92060-6,35-6,35
92060-7,94-7,94
92060-9,52-9,52
92060-12,7-12,7



T

93060-6,35-6,35
93060-7,94-7,94
93060-9,52-9,52
93060-12,7-12,7



Y

95060-6,35-6,35
95060-7,94-7,94
95060-9,52-9,52
95060-12,7-12,7



BULKHEAD

91560-6,35-6,35
91560-7,94-7,94
91560-9,52-9,52
91560-12,7-12,7



CROSS

94060-6,35-6,35
94060-7,94-7,94
94060-9,52-9,52
94060-12,7-12,7



REDUCTION

91060-6,35-6
91060-7,94-6,35
91060-9,52-6,35
91060-9,52-7,94
91060-12,7-6,35
91060-12,7-9,52



REDUCTION

92060-6,35-6
92060-7,94-6,35
92060-9,52-6,35
92060-9,52-7,94
92060-12,7-7,94
92060-12,7-9,52



STEM ELBOW

92660-A6,36-6
92660-A6,36-6,35
92660-A7,94-6,35
92660-A7,94-7,94
92660-A9,52-6
92660-A9,52-6,35
92660-A9,52-7,94
92660-A9,52-9,52
92660-A12,7-12,7



REDUCTION

91860-A7,94-6,35
91860-A7,94-9,52
91860-A9,52-6,35
91860-A9,52-7,94
91860-A9,52-12,7
91860-12,7-7,94
91860-12,7-9,52



MALE ADAPTER NPT

91601-6,35-1/8 NPT
91601-6,35-1/4 NPT
91601-7,94-1/8 NPT
91601-7,94-1/4 NPT
91601-7,94-3/8 NPT
91601-9,52-1/4 NPT
91601-9,52-3/8 NPT
91601-12,7-3/8 NPT
91601-12,7-1/2 NPT



STEM T Side

93660-A6,36-6,35-6,35
92660-A7,94-7,94-7,94
92660-A9,52-9,52-9,52



STEM T Center

93660-6,36-A6,35-6,35
92660-9,52-A9,52-9,52



CAP

90060-6,35
90060-7,94
90060-9,52
90060-12,7



PLUG

90002-6,35
90002-7,94
90002-9,52
90002-12,7



HOSE BARB

(stem -> hosebarb)
90503-A6,35-6,35
90503-A7,94-7,94
90503-A7,94-9,52
90503-A9,52-6,35
90503-A9,52-7,94
90503-A9,52-9,52
90503-A12,7-9,52
90503-A12,7-12,7



MALE UNION NPT

91161-6,35-1/8 NPT
91161-6,35-1/4 NPT
91161-6,35-3/8 NPT
91161-7,94-1/8 NPT
91161-7,94-1/4 NPT
91161-7,94-3/8 NPT
91161-7,94-1/2 NPT
91161-9,52-1/8 NPT
91161-9,52-1/4 NPT
91161-9,52-3/8 NPT
91161-9,52-1/2 NPT
91161-12,7-3/8 NPT
91121-12,7-1/2 NPT



MALE UNION BSPP

with O-ring
91164-6,35-1/8
91164-6,35-1/4
91164-6,35-3/8
91164-7,94-1/8
91164-7,94-1/4
91164-7,94-3/8
91164-9,52-1/4
91164-9,52-3/8
91164-12,7-3/8
91164-12,7-1/2



MALE ELBOW NPT

92461-6,35-1/8 NPT
92461-6,35-1/4 NPT
92461-6,35-3/8 NPT
92461-7,94-1/4 NPT
92461-7,94-3/8 NPT
92461-9,52-1/4 NPT
92461-9,52-3/8 NPT
92461-12,7-1/4 NPT
92461-12,7-3/8 NPT



FEMALE UNION BSP

91260-6,35-3/8
91260-6,35-1/2
91260-6,35-3/4 *
91260-7,94-5/8
91260-9,52-3/8
91260-9,52-5/8
91260-9,52-3/4 *
91260-12,7-1/2

* = Thread in brass



ELBOW MALE NPT

92161-6,35-1/8 NPT
92161-6,35-1/4 NPT
92161-7,94-1/8 NPT
92161-7,94-1/4 NPT
92161-7,94-3/8 NPT
91161-9,52-1/4 NPT
91161-9,52-3/8 NPT
91161-12,7-3/8 NPT
91121-12,7-1/2 NPT



CLIPS

90CLIP06 (6,35)
90CLIP08 (7,94)
90CLIP10 (9,52)
90CLIP12 (12,7)



VALVE

97060-6,35
97060-7,94
97060-9,52
97060-12,7



3 Ways valve

98060-9,52



CHECKVALVE

97360-6,35
97360-7,94
97360-9,52
97360-12,7

WATERBLOCK

The Water Block valve is an overflow safety device, which controls the maximum consumption of water between 5 and 50 litres. If this quantity exceeds the set value, the Water Block stops the flow and keeps this safety condition until user intervention.

- Ambient temperature : 2°C – 60°C
- Operating pressure : 0.2 - 10 bar
- Flow rate : from 2 to 30 l/min
- Resistance to bursting : 50 bar at 25°C
- Rated life-span : > 300.000 litre
- 3/4" - threaded male-female
- Vertical assembly preferred
- Maximum volume value settable by 10 setting notches
- Every notch increases the set volume of 5 + /-1 l/min
- Food grade (WRAS, NSF pending) - 2002/95/EC Directive (RoHS)



PRESSURE REGULATOR

Compact plastic pressure reducing valves for the regulation of air, gas and liquids.

Ref : V51021

- 1/4" BSP female ports
- Maximum inlet pressure 15 bar
- Reduced pressure range 0.5 to 6 bar
- FDA and WRAS approved material suitable
- For hot and cold water applications (up to 65° C) - Corrosion resistant
- Small, compact and lightweight
- Dimension :
height 68 mm
Width 40 mm
- Material :
Body : Polyamide 6
O-ring : NBR
Spring : Stainless steel AISI 303
Diaphragm : SBR 70 Shore
Diaphragm support : Brass CW 614 N
Gauge ports (blinded)



WRAS
APPROVED
PRODUCT



Y JUNCTION WITH VALVES  297001 G3/4-G3/4	EASY INSTALLATION TEE  Adjustable thread MF + valve ASV7 M-F 3/8 BSP Tubing 3/8 ASV8 M-F 1/2 BSP Tubing 3/8 ASV9 M-F 3/8 BSP Tubing 1/4 ASV10 M-F 1/2 BSP Tubing 1/4	DOUBLE SERVICE  696045 1/2" - 3/4" 696055 3/4" - 3/4"
REDUCTION BRASS  1135TR3814 R3/8"-G1/4" 1135TR1214 R1/2"-G1/4" 1135TR1238 R1/2"-G3/8" 1135TR3414 R3/4"-G1/4" 1135TR3438 R3/4"-G3/8" 1135TR3412 R3/4"-G1/2"	NIPPLE BRASS MM  1110TR1414 R1/4"-R1/4" 1112TR1438 R1/4"-R3/8" 1112TR1412 R1/4"-R1/2" 1110TR3838 R3/8"-R3/8" 1112TR3812 R3/8"-R1/2" 1110TR1212 R1/2"-R1/2" 1112TR1234 R1/2"-R3/4" 1110TR3434 R3/4"-R3/4"	SLEEVE BRASS FF  1125TR1414 G1/4"-G1/4" 1126TR1438 G1/4"-G3/8" 1126TR1412 G1/4"-G1/2" 1125TR3838 G3/8"-G3/8" 1126TR3812 G3/8"-G1/2" 1126TR3834 G3/8"-G3/4" 1125TR1212 G1/2"-G1/2" 1126TR1234 G1/2"-G3/4" 1125TR3434 G3/4"-G3/4"
ELBOW BRASS FF  1200TR14 G1/4" 1200TR38 G3/8" 1200TR12 G1/2" 1200TR34 G3/4"	ELBOW BRASS MF  1205TR14 R1/4"-G1/4" 1205TR38 R3/8"-G1/4" 1205TR12 R1/2"-G1/2" 1205TR34 R3/4"-G3/4"	HOSECUTTER  27000414 4-14 mm
TEE BRASS FFF  1220TR14 G1/4" 1220TR38 G3/8" 1220TR12 G1/2" 1220TR34 G3/4"	TEE BRASS MMM  1230TR14 R1/4" 1230TR38 R3/8" 1230TR12 R1/2" 1230TR34 R3/4"	THREAD SEALING  LOXEAL 5503  50 ml LOXEAL 5810 PTFE 75 ml LOXEAL 5811 75 ml PTFE Band 12 mm