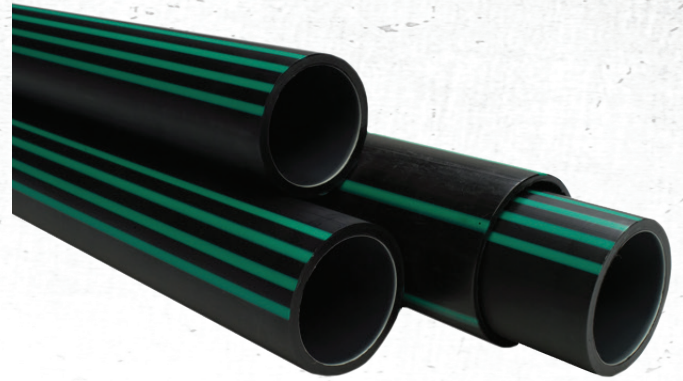


UPP® SEMI-RIGID PIPEWORK SYSTEM

Since its introduction as the world's first electrofusion pipework system for fuel applications over thirty years ago, UPP® semi-rigid pipework has become known globally as the standard for liquid tight pipework systems. UPP® pipework utilises the advanced electrofusion welding process to effectively bond system components together into one, leak proof system.



TECHNICAL ADVANTAGES

- UPP® pipe features an innovative clear inner lining made of natural EVOH resin to provide maximum pipe strength and superior vapour permeation and hydrocarbon barrier qualities.
- UPP® pipe is the first to receive an exception Class T1 temperature rating with its EN14125 approval, a true testament to its strength.
- The end of a piping run can be fitted with a wide variety of termination fittings to accommodate any application.
- Fittings are specifically designed to eliminate the number of bolt holes, rubber seals, band clamps and any potential leak paths.
- The UPP® electrofusion welding process is safe and simple to complete in any climate and virtually any weather condition.
- An installer simply prepares the components, fits them together attaching welder leads to the fitting, and then presses a single button on the welding unit to initiate the process.
- The welder unit itself calculates the exact settings required to complete the weld, regardless of the pipework diameter or temperature, leaving no settings for the installer to input.

SPECIFICATIONS

UPP® EN14125:2013 Standard Primary Pipe

- Material: PE100 with EVOH resin barrier
- Primary pressure rating (bar/psi): 10/145
- Primary colour: Black with two clusters of four green stripes, clear inner liner
- Temperature rating: Class T1 Rating (EN14125:2013) -40 °C to 50 °C
- Primary vacuum rating (-bar/"Hg): -0.9/-26.6

UPP® EN14125:2013 Standard Fill Pipe

- Material: PE100 with EVOH resin barrier
- Primary pressure rating (bar/psi): 6/87
- Primary colour: Black with two clusters of four green stripes, clear inner liner
- Temperature rating: Class T1 Rating (EN14125:2013) -40 °C to 50 °C

UPP® EN14125:2013 Standard Coaxial (Secondary) Pipe

- Material: PE100 with EVOH resin barrier
- Primary pressure rating (bar/psi): 10/145
- Primary colour: Black with four green stripes, clear inner liner
- Secondary colour: Black with six green stripes
- Secondary pressure rating (bar/psi): 5/72
- Temperature rating: Class T1 Rating (EN14125:2013) -40 °C to 50 °C
- Primary vacuum rating (-bar/"Hg): -0.9/-26.6
- Secondary vacuum rating (-bar/"Hg): -0.6/-17.8

UPP® EN14125:2013 Standard Secondary Sleeve

- Material: PE100
- Secondary pressure rating (bar/psi): 5/72
- Primary colour: Black with six green stripes
- Temperature rating: Class T1 Rating (EN14125:2013) -40 °C to 50 °C
- Primary vacuum rating (-bar/"Hg): -0.6/-17.8

ORDERING INFORMATION

UPP® EN14125:2013 Standard Primary Pipe

Model	Ø (mm)	Unit	SDR	Primary ID (mm)	Bend Radius (m)
001-032-100-E	32	100 m Coil	11	26	0.5
001-050-006-E	50	5.8 m Stick	11	40.8	0.75
001-050-050-E	50	50 m Coil	11	40.8	0.75
001-050-100-E	50	100 m Coil	11	40.8	0.75
001-063-006-E	63	5.8 m Stick	13.6	53.6	0.9
001-063-008-E	63	8 m Stick	13.6	53.6	0.9
001-063-100-E	63	100 m Coil	13.6	53.6	0.9
001-090-006-E	90	5.8 m Stick	13.6	76.6	2.25
001-090-050-E	90	50 m Coil	13.6	76.6	2.25
001-110-006-E	110	5.8 m Stick	13.6	93.8	2.75
001-160-005-E	160	5.8m Stick			
001-160-011-E	160	11.5 Stick			

UPP® EN14125:2013 Standard Fill Pipe

Model	Ø (mm)	Unit	SDR	Primary ID (mm)	Bend Radius (m)
001-110-006-FILL-E	110	5.8m Stick	17	96.8	2.75

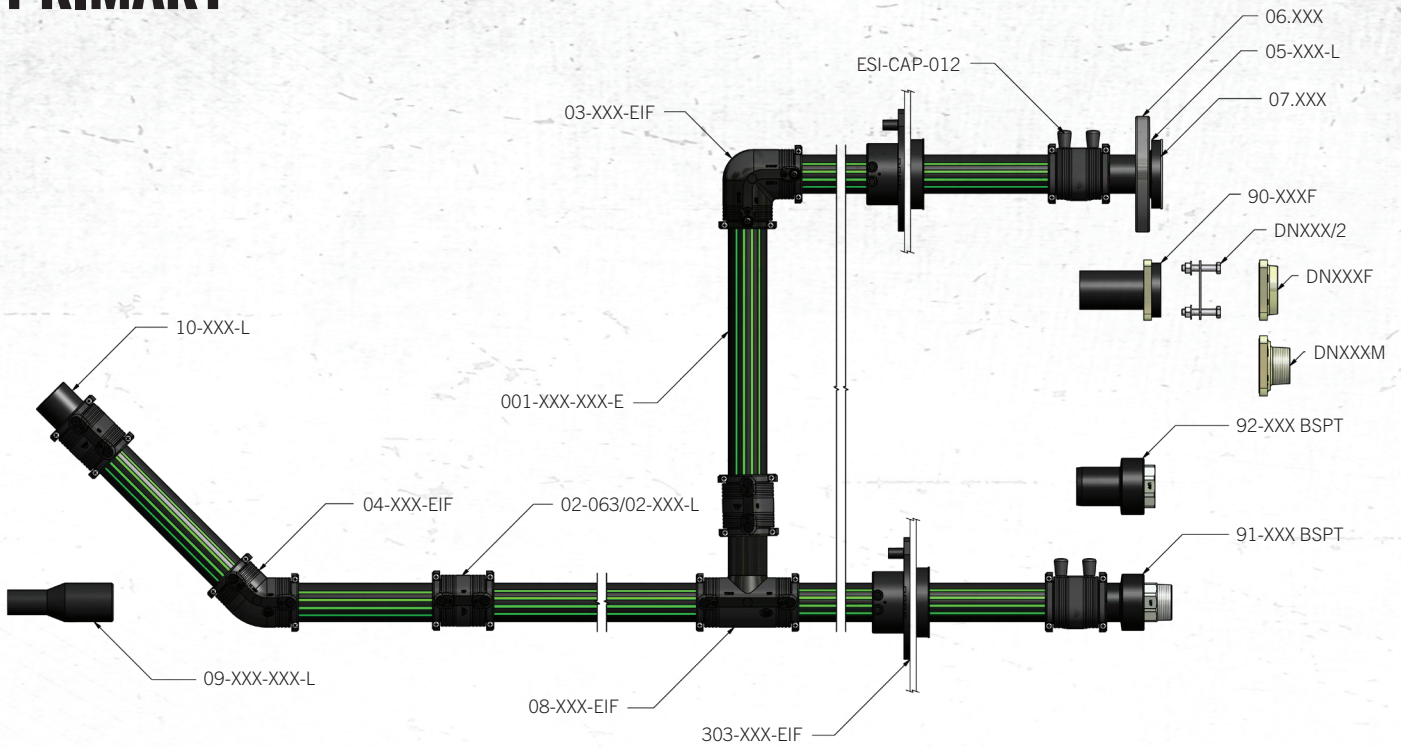
UPP® EN14125:2013 Standard Coaxial (Secondary) Pipe

Model	Ø (mm)	Unit	SDR	Primary ID (mm)	Bend Radius (m)
001-040-032-050-E	40/32	50 m Coil	11 / 17	26	0.6
001-040-032-100-E	40/32	100 m Coil	11 / 17	26	0.6
001-063-050-030-E	63/50	30 m Coil	11 / 26	40.8	0.9
001-063-050-100-E	63/50	100 m Coil	11 / 26	40.8	0.9
001-075-063-010-E	75/63	10 m Stick	13.6 / 26	53.6	1.12
001-075-063-030-E	75/63	30 m Coil	13.6 / 26	53.6	1.12
001-075-063-050-E	75/63	50 m Coil	13.6 / 26	53.6	1.12

UPP® EN14125:2013 Standard Secondary Sleeve

Model	Ø (mm)	Unit	SDR	Bend Radius (m)
000-063-006-SC-E	63	5.8 m Stick	26	0.9
000-075-006-SC-E	75	5.8 m Stick	26	1.12
000-075-008-SC-E	75	8 m Stick	26	1.12
000-110-006-SC-E	110	5.8 m Stick	26	2.75
000-125-006-SC-E	125	5.8 m Stick	26	3.1

PRIMARY



Model	Description	Unit
001-032-100-E	Extra Pipe - 32 mm	100 m coil
001-050-006-E		5.8 m stick
001-050-050-E	Extra Pipe - 50 mm	50 m coil
001-050-100-E		100 m coil
001-063-006-E		5.8 m stick
001-063-008-E	Extra Pipe - 63 mm	8 m stick
001-063-100-E		100 m coil
001-090-006-E		5.8 m stick
001-090-050-E	Extra Pipe - 90 mm	50 m coil
001-110-006-E		5.8 m stick
001-110-006-FILL-E	Extra Pipe FILL - 110 mm	5.8 m stick
001-110-050-FILL-E		50 m coil
001-160-011-E	Extra Pipe - 160 mm	11.5 m stick



Model	Description	Diameter Ø(mm)
02-032-L	Fusion Coupler - Long	32
02-050-L	Fusion Coupler - Long	50
02-063	Fusion Coupler - Long	63
02-090-L	Fusion Coupler - Long	90
02-110-L	Fusion Coupler - Long	110
02-160-L	Fusion Coupler - Long	160



Model	Description	Diameter Ø(mm)
03-050-L	Plain Elbow	50
03-063-L	Plain Elbow	63
03-090-L	Plain Elbow	90
03-110-L	Plain Elbow	110
03-160-L	Plain Elbow	160



Model	Description	Diameter Ø(mm)
03-032-EIF	Electrofusion Elbow	32
03-050-EIF	Electrofusion Elbow	50
03-063-EIF	Electrofusion Elbow	63
03-090-EIF	Electrofusion Elbow	90
03-110-EIF	Electrofusion Elbow	110



Model	Description	Diameter Ø(mm)
04-050-L	Plain Elbow	50
04-063-L	Plain Elbow	63
04-090-L	Plain Elbow	90
04-110-L	Plain Elbow	110
04-160-L	Plain Elbow	160



Model	Description	Diameter Ø(mm)
04-032-EIF	Electrofusion	32
04-050-EIF	Electrofusion	50
04-063-EIF	Electrofusion	63
04-090-EIF	Electrofusion	90
04-110-EIF	Electrofusion	110



Model	Description	Diameter Ø(mm)
05-032-L	Stub	32
06.32	Flange Circular PN DN22	32
07.32	Gasket for Stub	32
05-050-A	Stub, ANSI	50
05-050-L	Stub	50
06.50	Flange Circular PN16 DN40	50
07.50	Gasket 50mm for Stub	50
05-063-L	Stub 63mm	63
06.63	Flange Circular PN16 DN50 63mm	63
07.63	Gasket 63mm for Stub	63
05-090-L	Stub 90mm	90
06.90	Flange Circular PN16 DN80 90mm	90
07.90	Gasket 90mm for Stub	90
05-110-L	Stub 110mm	110
06.110	Flange Circular PN16 DN100 110mm	110
07.110	Gasket 110mm for Stub	110
05-160-L	Stub 160mm	160
06.160	Flange Circular PN16 DN150 160mm	150/160
07.160	Gasket 160mm for Stub	160



Model	Description	Diameter Ø(mm)
08.32	Tee Equal	32
08-050-L	Tee Equal	50
08-063-L	Tee Equal	63
08-090-L	Tee Equal	90
08-090-063-L	Reducer Tee Equal	90/63
08-110-L	Tee Equal	110
08.110.063-L	Reducer Tee Equal	110/63
08-160-L	Tee Equal	160



Model	Description	Diameter Ø(mm)
08-032-EIF	Electrofusion Tee Equal	32
08-050-EIF-S	Electrofusion Tee Equal	50
08-063-EIF-S	Electrofusion Tee Equal	63
08-090-EIF-S	Electrofusion Tee Equal	90
08-110-EIF	Electrofusion Tee Equal	110



Model	Description	Diameter Ø(mm)
09-063-050-EIF	Fusion Reducer	63/50
09-090-063-EIF	Fusion Reducer	90/63
09-110-090-EIF	Fusion Reducer	110/90



Model	Description	Diameter Ø(mm)
09-050-032-L	Plain Reducer	50/32
09-063-032-L	Plain Reducer	63/32
09-063-050-L	Plain Reducer	63/50
09-090-050-L	Plain Reducer	90/50
09-090-063-L	Plain Reducer	90/63
09-110-063-L	Plain Reducer	110/63
09-160-110-L	Plain Reducer	160/110



Model	Description	Diameter Ø(mm)
10-032-L	End Cap	32
10-050-L	End Cap	50
10-063-L	End Cap	63
10-090-L	End Cap	90
10-110-L	End Cap	110



Model	Description	Diameter Ø(mm)
302-040	Fusion Seal	40
303-050-EIF	Fusion Seal with integrated coupler	50
303-063-EIF	Fusion Seal with integrated coupler	63
304-110-090-TP-3	Fusion Seal with integrated coupler and test port	90
304-110-EIF	Fusion Seal with integrated coupler	110
308	8" Fusion Seal for 90/110/160mm	90/110/160



303

304

30S

Model	Description	Diameter Ø(mm)
11.32UF	32mm x 1" BSP	32

Model	Description	Diameter Ø(mm)
11-503F BSPT	Compression Elbow 50mm x 1½" BSPT Female	50

Model	Description	Diameter Ø(mm)
11-508 BSPT	Compression Tee 50mm x 1½" BSP Female	50

Model	Description	Diameter Ø(mm)
11.321	32mm x 1" BSP Male	32
11-501M BSPT	Compression Termination 50mm x 1½" BSPT Male	50
11-631M BSPT	Compression Termination 63mm/2" diameter - BSPT	63
11-631M-1 BSPT	Compression Termination 63mm/1½" diameter - BSPT	63
12-050 BSPT	Compression Termination 50mm/1½" diameter - BSPT Male	50
12-063 BSPT	Compression Termination 63mm/2" diameter - BSPT Male	63
12-063-1 BSPT	Compression Termination 50mm/1½" diameter - BSPT Male	63
12-090 BSPT	Compression Termination 90mm/3" diameter - BSPT Male	90
12-110 BSPT	Compression Termination 110mm/4" BSPT diameter - BSPT Male	110

Model	Description	Diameter Ø(mm)
91-032 BSPT	Termination 32mm x 1" BSPT male	32
91-050 BSPT	Termination 50mm x 1½" BSPT Male	50
91-050 NPT	Termination 50mm x 1½" NPT Male	50
91-063 BSPT	Termination 63mm x 2" BSPT Male	63
91-063 NPT	Termination 63mm x 2" NPT Male	63
91-063-1 BSPT	Termination 63mm x 1½" BSPT Male	63
91-063-1 NPT	Termination 63mm x 1½" NPT Male	63
91-090 BSPT	Termination 90mm x 3" BSPT Male	90
91-090 NPT	Termination 90mm x 3" NPT Male	90
91-110 BSPT	Termination 110mm x 4" BSPT Male	110
91-110 NPT	Termination 110mm x 4" NPT Male	110



Model	Description	Diameter Ø(mm)
92-032 BSPT	Termination 32mm x 1" BSPT Female	32
92-050 BSPT	Termination 50mm x 1½" BSPT Female	50
92-050 NPT	Termination 50mm x 1½" NPT Female	50
92-050 UF BSPT	Union Termination 50mm x 1½" BSPT Female	50
92-050 UF NPT	Union Termination 50mm x 1½" NPT Female	50
92-063 BSPT	Termination 63mm x 2" BSPT Female	63
92-063 NPT	Termination 63mm x 2" NPT Female	63
92-063 UF BSPT	Union Termination 63mm x 2" BSPT Female	63
92-063-1 BSPT	Termination 63mm x 1½" BSPT Female	63
92-063-1 NPT	Termination 63mm x 1½" NPT Female	63
92-063UF NPT	Union Termination 63mm x 2" NPT Female	63
92-090 BSPT	Termination 90mm x 3" BSPT Female	90
92-090 SS BSPT	Stainless Steel Termination 90mm x 3" BSPT Female	90
92-090 NPT	Termination 90mm x 3" NPT Female	90
92-110 BSPT	Termination 110mm x 4" BSPT Female	110
92-110 NPT	Termination 110mm x 4" NPT Female	110



Model	Description	Diameter Ø(mm)
91-032 SS BSPT	Stainless Steel Termination 32mm x 1" BSPT Male	32
91-050 SS BSPT	Stainless Steel Termination 50mm x 1½" BSPT Male	50
91-063 SS BSPT	Stainless Steel Termination 63mm x 2" BSPT Male	63



Model	Description	Diameter Ø(mm)
92-032 SS BSPP	Stainless Steel Termination 32mm x 1" BSPP Female	32
92-050 SS BSPP	Stainless Steel Termination 50mm x 1½" BSPP Female	50
92-063 SS BSPP	Stainless Steel Termination 63mm x 2" BSPP Female	63



Model	Description	Diameter Ø(mm)
90-050F	Flanged Termination 50mm	50
DN40/2	Gasket & Bolt Set for Coupling Flange DN 40	50
DN40F	Coupling Flange 50 mm BSPP Female	50
DN40M	Coupling Flange 50mm BSPT Male	50
90-063F	Flanged Termination 63mm	63
DN50/2	Gasket & Bolt Set for Coupling Flange DN 50	63
DN50F	Coupling Flange 63 mm BSP Female	63
DN50M	Coupling Flange 63mm BSPT Male	63
DN50M NPT	Coupling Flange 63mm NPT Male	63
90-090F	Flanged Termination	90
DN80/2	Gasket & Bolt Set for Coupling Flange DN 80	90
DN80F	Coupling Flange 90mm BSP Female	90
DN80M	Coupling Flange 90mm BSPT Male	90
90-110F	Flanged Termination 110mm	110
DN100/2	Gasket & Bolt Set for Coupling Flange DN 100	110
DN100F	Coupling Flange 110mm BSP Female	110



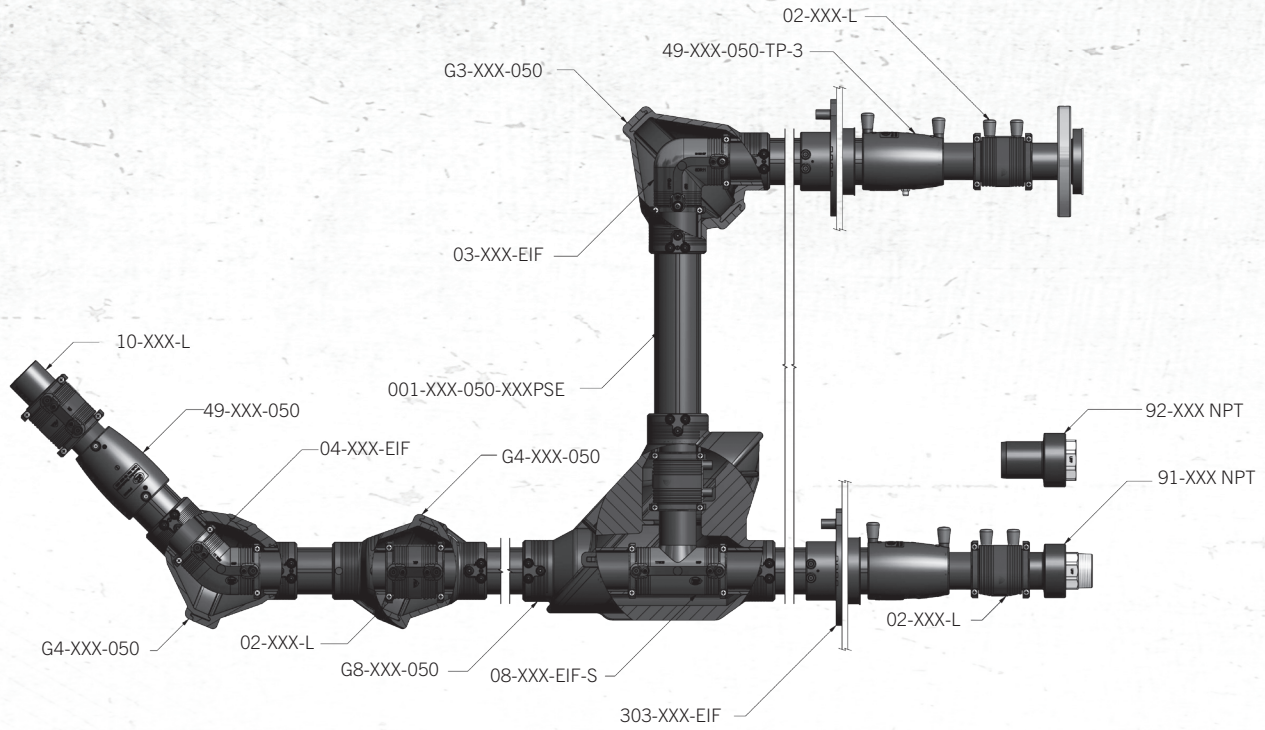
Model	Description	Diameter Ø(mm)
BV(2)	Ball Valve 63mm BSP F/F ¼ Turn - Galvanised Steel	63



Model	Description	Diameter O(mm)
ESI-CAP-012	Weld Pin Protection Cap	All
91-050-TOOL	Plate Spanner 50A/F 91-050 For all Male 50mm sizes	50
92-050-TOOL	Plate Spanner 55A/F 92-050 For all Female 50mm sizes	50
11.50G	Spare Gasket for 50UF fittings	50
408046001	O Ring NBR 35 x 2.5 for 12-050	50
91-063-TOOL	Plate Spanner 62A/F 91-063 For all Male 63mm sizes	63
92-063-TOOL	Plate Spanner 67A/F 92-063 For all Male 63mm sizes	63
11.63G	Spare Gasket for 63UF fittings	63
408045001	O Ring NBR 48 x 3 for 12-063	63
11-63X OL	Spare Olive for 11-63X	63
11-50X OL	Spare Olive for 11-50X	50
408044001	O Ring NBR 69.5 x 3 for 12-090	90
CW-125-PIPE	Chain Wrench 125mm Pipe Max	90
408043001	O Ring NBR 89.5 x 3 for 12-110	110



SECONDARY



Model	Description	Pack Size	Diameter O(mm)
001-040-032-050-E	Extra Coaxial Pipe	50 m coil	40/32
001-040-032-100-E	Extra Coaxial Pipe	100 m coil	40/32
001-063-050-030-E	Extra Coaxial Pipe	30 m coil	63/50
001-063-050-100-E	Extra Coaxial Pipe	100 m coil	63/50
001-075-063-010-E	Extra Coaxial Pipe	10 m stick	75/63
001-075-063-030-E	Extra Coaxial Pipe	30 m coil	75/63
001-075-063-050-E	Extra Coaxial Pipe	50 m coil	75/63
000-063-006-SC-E	Secondary Pipe	5.8 m stick	63
000-075-006-SC-E	Secondary Pipe	5.8 m stick	75
000-075-008-SC-E	Secondary Pipe	8 m stick	75
000-110-006-SC-E	Secondary Pipe	5.8 m stick	110
000-125-006-SC-E	Secondary Pipe	5.8 m stick	125



Model	Description	Diameter O(mm)
02.40(SC)	Fusion Coupler Secondary	40
02.63(SC)	Fusion Coupler Secondary	63
02.75(SC)	Fusion Coupler Secondary	75
02.110(SC)	Fusion Coupler Secondary	110
02.125(SC)	Fusion Coupler Secondary	125
02.160(SC)	Fusion Coupler Secondary	160



Model	Description	Diameter O(mm)
09.110.75(SC)	Reducer Secondary	110/75
09.160.125(SC)	Reducer Secondary	160/125
13.75.40(SC)	Reducer Secondary	75/40



Model	Description	Diameter O(mm)
302-040	Fusion Seal 40mm	40
303-063-EIF	Fusion Seal 63mm with Integrated Coupler	63
303-075-EIF	Fusion Seal 75mm with Integrated Coupler	75
303-075-EIF-2	Fusion Seal 75mm with Integrated Coupler, 4mm weld pins	75
304-110-050-TP-3	Fusion Entry Seal with Secondary Coupler 110 x 50mm with Test Port	50
304-110-063-TP-3	Fusion Entry Seal with Secondary Coupler 110 x 63mm with Test Port	63
304-110-075-TP-3	Fusion Entry Seal with Secondary Coupler 110 x 75mm with Test Port	75
304-110-090	Fusion Seal with 110 & 90mm Coupler	90
304-110-090-TP-3	Fusion Seal with 110 & 90mm Coupler with Test Port	90
304-110-EIF	Fusion Seal 110mm with Integrated Coupler	110
305-125-110	Fusion Seal with 125 & 110mm Coupler	110
305-125-110-TP-3	Fusion Seal 125 & 110mm Coupler with Test Port	110
305-125-EIF	Fusion Seal 125mm with Integrated Coupler	125



Model	Description	Diameter O(mm)
49-040-032	Fusion Reducer Secondary	40/32
49-040-032-TP-3	Fusion Reducer Secondary with Test Port	40/32
49-063-050	Fusion Reducer Secondary	63/50
49-063-050-TP-3	Fusion Reducer Secondary with Test Port	63/50
49-075-063-1	Fusion Reducer Secondary	75/63
49-075-063-TP-3	Fusion Reducer Secondary with Test Port	75/63
49-110-063(SC)	Sliding Reducer Secondary	110/63
49-110-075(SC)	Sliding Reducer Secondary	110/75
49-110-090	SC Welding Reducer	110/90
49-110-090-TP-3	SC Welding Reducer with Test Port	110/90
49-125-110	SC Welding Reducer	125/110
49-125-110-TP-3	SC Welding Reducer with Test Port	125/110



40, 63, 75 mm design



110 and 125 design

Model	Description	Diameter O(mm)
91-063-050 BSPT	Male, BSPT thread	63/50
91-063-050-TP BSPT	Male, BSPT thread, with test port	63/50
91-075-063-1-TP BSPT	Male, 1½" BSPT thread with test port	75/63
91-075-063-TP BSPT	Male, 2" BSPT thread, with test port	75/63
91-110-090-TP BSPT	Male, BSPT thread, with test port	110/90
91-125-110-TP BSPT	Male, BSPT thread, with test port	125/110



Model	Description	Diameter O(mm)
92-063-050 BSPT	Female, BSPT thread	63/50
92-063-050-TP BSPT	Female, BSPT thread, with test port	63/50
92-075-063-1 BSPT	Female, 1½" BSPT thread	75/63
92-075-063-TP BSPT	Female, 2" BSPT thread, with test port	75/63
92-110-090 BSPT	Female, BSPT thread	110/90
92-110-090-TP BSPT	Female, BSPT thread, with test port	110/90
92-125-110 BSPT	Female, BSPT Thread	125/110
92-125-110-TP BSPT	Female, BSPT thread, with test port	125/110



Model	Description	Diameter O(mm)
G3-040-032	SC Gemini® 90° Elbow	40
G3-063-050	SC Gemini® 90° Elbow	63
G3-075-063	SC Gemini® 90° Elbow	75
G3-110-090	SC Gemini® 90° Elbow	110
G3-125-110	SC Gemini® 90° Elbow	125



Model	Description	Diameter Ø(mm)
G4-040-032	SC Gemini® Elbow or SC Gemini® Inline Joint	40/32
G4-063-050	SC Gemini® Elbow or SC Gemini® Inline Joint	63/50
G4-075-063	SC Gemini® Elbow or SC Gemini® Inline	75/63
G4-110-090	SC Gemini® Elbow or SC Gemini® Inline Joint	110/90
G4-125-110	SC Gemini® Elbow or SC Gemini® Inline Joint	125/90



Model	Description	Diameter Ø(mm)
G8-040-032	SC Gemini® Tee	40
G8-063-050	SC Gemini® Tee	63
G8-075-063	SC Gemini® Tee	75
G8-110-090	SC Gemini® Tee	110



Model	Description	Diameter Ø(mm)
10-040-SC	End Cap 40mm Secondary	40
10-075-SC	End Cap 75mm Secondary	75
10.110(SC)	End Cap 110mm Secondary	110



Model	Description	Diameter Ø(mm)
STB-100	Test Boot Secondary with Test Port	40/32
STB-175	Test Boot Secondary with Test Port	63/50
STB-200	Test Boot Secondary with Test Port	75/63



Model	Description
LDT 60-1	Leak Detection Tube Kit - not for use with STB-100 product offering
LDT60-2	Leak Detection Tube Kit - not for use with STB-100 product offering, tube only, no fittings
BPT-200	Leak Detection Tube Kit - for use with STB-100 product offering



Model	Description
ESI-CAP-012	Weld Pin Protection Cap

