

GA

III

CONSTITUTIONAL
HOUSES

Silicon hoses coding system

SFS silicone hoses are available in 3 type of material and colour. In this catalogue we show only codes of reinforced polvester version. blue colour. You can choose material and colour you need by referring to the following example:

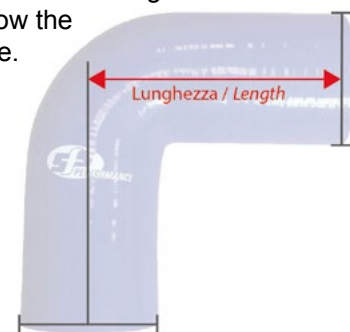
SHL-34-3-4

- S: material: **POLYESTER (S)** reinforced straight length hoses are suitable for coolant and boost (up to 180°C). 3 ply construction up to 70mm bore (4.5mm wall), 4 ply from 76mm bore (5.0mm wall).
FLUROSILICONE (F): suitable for oil
NOMEX (N) reinforced hoses are suitable for high-temperature applications (up to 270°C)
- 4: colour: **Black (-3), Blue (-4), Red (-5)**

SFS Handmade silicone hoses are constructed from one of the toughest polymers available, making them ideal for the high performance environment. All hoses handle extremes of temperature and higher pressure than standard black rubber hoses and have superb resistance to UV, water, ozone and oxygen.

How long is the elbow?

To correctly measure the length of a silicone hose elbow, follow the info in this image.



Straight hoses

Our straight length hoses come in 1m lengths, and the construction can be varied for different applications. Standard colour is blue; other colours available. Polyester reinforced straight length hoses are suitable for coolant and boost (up to 180°C). 3 ply construction up to 70mm bore (4.5mm wall), 4 ply from 76mm bore (5.0mm wall). For Oil use the hoses need to be lined with Fluorosilicone. Nomex™ reinforced hoses are suitable for high-temperature applications (up to 220°C).

Code	Application	Inner Ø	Colour	Wall
SHL-6.5-3-4	Coolant & boost	6,5 mm	Blue	4,5 mm
SHL-8-3-4	Coolant & boost	8 mm	Blue	4,5 mm
SHL-9.5-3-4	Coolant & boost	9,5 mm	Blue	4,5 mm
SHL-11-3-4	Coolant & boost	11 mm	Blue	4,5 mm
SHL-13-3-4	Coolant & boost	13 mm	Blue	4,5 mm
SHL-16-3-4	Coolant & boost	16 mm	Blue	4,5 mm
SHL-19-3-4	Coolant & boost	19 mm	Blue	4,5 mm
SHL-22-3-4	Coolant & boost	22 mm	Blue	4,5 mm
SHL-25-3-4	Coolant & boost	25 mm	Blue	4,5 mm
SHL-28-3-4	Coolant & boost	28 mm	Blue	4,5 mm
SHL-30-3-4	Coolant & boost	30 mm	Blue	4,5 mm
SHL-32-3-4	Coolant & boost	32 mm	Blue	4,5 mm
SHL-34-3-4	Coolant & boost	34 mm	Blue	4,5 mm
SHL-35-3-4	Coolant & boost	35 mm	Blue	4,5 mm
SHL-38-3-4	Coolant & boost	38 mm	Blue	4,5 mm
SHL-41-3-4	Coolant & boost	41 mm	Blue	4,5 mm
SHL-45-3-4	Coolant & boost	45 mm	Blue	4,5 mm
SHL-48-3-4	Coolant & boost	48 mm	Blue	4,5 mm
SHL-51-3-4	Coolant & boost	51 mm	Blue	4,5 mm
SHL-54-3-4	Coolant & boost	54 mm	Blue	4,5 mm
SHL-57-3-4	Coolant & boost	57 mm	Blue	4,5 mm
SHL-60-3-4	Coolant & boost	60 mm	Blue	4,5 mm
SHL-63-3-4	Coolant & boost	63 mm	Blue	4,5 mm
SHL-65-3-4	Coolant & boost	65 mm	Blue	4,5 mm
SHL-68-3-4	Coolant & boost	68 mm	Blue	4,5 mm
SHL-70-3-4	Coolant & boost	70 mm	Blue	4,5 mm
SHL-76-4-4	Coolant & boost	76 mm	Blue	5,0 mm
SHL-80-4-4	Coolant & boost	80 mm	Blue	5,0 mm
SHL-83-4-4	Coolant & boost	83 mm	Blue	5,0 mm
SHL-89-4-4	Coolant & boost	89 mm	Blue	5,0 mm
SHL-96-4-4	Coolant & boost	96 mm	Blue	5,0 mm
SHL-102-4-4	Coolant & boost	102 mm	Blue	5,0 mm
SHL-114-4-4	Coolant & boost	114 mm	Blue	5,0 mm



Straight couplings

Standard length 76mm. Polyester reinforced. 3 ply up to 70mm bore (4.5mm wall), 4 ply from 76mm (5.0mm wall). Standard colour blue, other colours available. Other constructions available, including fluorosilicone lined for oil.

Code	Application	Inner Ø	Colour	Length	Wall
SCH-25-76-3-4	Coolant & boost	25 mm	Blue	76 mm	4,5 mm
SCH-28-76-3-4	Coolant & boost	28 mm	Blue	76 mm	4,5 mm
SCH-30-76-3-4	Coolant & boost	30 mm	Blue	76 mm	4,5 mm
SCH-32-76-3-4	Coolant & boost	32 mm	Blue	76 mm	4,5 mm
SCH-35-76-3-4	Coolant & boost	35 mm	Blue	76 mm	4,5 mm
SCH-38-76-3-4	Coolant & boost	38 mm	Blue	76 mm	4,5 mm
SCH-41-76-3-4	Coolant & boost	41 mm	Blue	76 mm	4,5 mm
SCH-45-76-3-4	Coolant & boost	45 mm	Blue	76 mm	4,5 mm
SCH-48-76-3-4	Coolant & boost	48 mm	Blue	76 mm	4,5 mm
SCH-51-76-3-4	Coolant & boost	51 mm	Blue	76 mm	4,5 mm
SCH-54-76-3-4	Coolant & boost	54 mm	Blue	76 mm	4,5 mm
SCH-57-76-3-4	Coolant & boost	57 mm	Blue	76 mm	4,5 mm
SCH-60-76-3-4	Coolant & boost	60 mm	Blue	76 mm	4,5 mm
SCH-63-76-3-4	Coolant & boost	63 mm	Blue	76 mm	4,5 mm
SCH-65-76-3-4	Coolant & boost	65 mm	Blue	76 mm	4,5 mm
SCH-68-76-3-4	Coolant & boost	68 mm	Blue	76 mm	4,5 mm
SCH-70-76-3-4	Coolant & boost	70 mm	Blue	76 mm	4,5 mm
SCH-76-76-4-4	Coolant & boost	76 mm	Blue	76 mm	5,0 mm
SCH-80-76-4-4	Coolant & boost	80 mm	Blue	76 mm	5,0 mm
SCH-83-76-4-4	Coolant & boost	83 mm	Blue	76 mm	5,0 mm
SCH-89-76-4-4	Coolant & boost	89 mm	Blue	76 mm	5,0 mm
SCH-102-76-4-4	Coolant & boost	102 mm	Blue	76 mm	5,0 mm
SCH-114-76-4-4	Coolant & boost	114 mm	Blue	76 mm	5,0 mm
SCH-127-76-4-4	Coolant & boost	127 mm	Blue	76 mm	5,0 mm



Straight reducers

Standard length 102mm
Polyester reinforced
3 ply (4.5mm wall)
Standard colour blue, other colours available
Other constructions available, including fluorosilicone lined for oil under vacuum



Code	Application	Inner Ø	Colour	Length	Wall
SR-12/8-102-3-4	Coolant & boost	12/8 mm	Blue	102 mm	4,5 mm
SR-19/16-102-3-4	Coolant & boost	19/16 mm	Blue	102 mm	4,5 mm
SR-22/16-102-3-4	Coolant & boost	22/16 mm	Blue	102 mm	4,5 mm
SR-22/19-102-3-4	Coolant & boost	22/19 mm	Blue	102 mm	4,5 mm
SR-25/16-102-3-4	Coolant & boost	25/16 mm	Blue	102 mm	4,5 mm
SR-25/19-102-3-4	Coolant & boost	25/19 mm	Blue	102 mm	4,5 mm
SR-28/16-102-3-4	Coolant & boost	28/16 mm	Blue	102 mm	4,5 mm
SR-30/16-102-3-4	Coolant & boost	30/16 mm	Blue	102 mm	4,5 mm
SR-32/19-102-3-4	Coolant & boost	32/19 mm	Blue	102 mm	4,5 mm
SR-32/25-102-3-4	Coolant & boost	32/25 mm	Blue	102 mm	4,5 mm
SR-32/28-102-3-4	Coolant & boost	32/28 mm	Blue	102 mm	4,5 mm
SR-35/25-102-3-4	Coolant & boost	35/25 mm	Blue	102 mm	4,5 mm
SR-35/28-102-3-4	Coolant & boost	35/28 mm	Blue	102 mm	4,5 mm
SR-35/32-102-3-4	Coolant & boost	35/32 mm	Blue	102 mm	4,5 mm
SR-38/28-102-3-4	Coolant & boost	38/28 mm	Blue	102 mm	4,5 mm
SR-38/32-102-3-4	Coolant & boost	38/32 mm	Blue	102 mm	4,5 mm
SR-38/35-102-3-4	Coolant & boost	38/35 mm	Blue	102 mm	4,5 mm
SR-40/32-150-3-4	Coolant & boost	40/32 mm	Blue	150 mm	4,5 mm
SR-43/35-100-3-4	Coolant & boost	43/35 mm	Blue	100 mm	4,5 mm
SR-45/32-102-3-4	Coolant & boost	45/32 mm	Blue	102 mm	4,5 mm
SR-45/38-102-3-4	Coolant & boost	45/38 mm	Blue	102 mm	4,5 mm
SR-48/25-102-3-4	Coolant & boost	48/25 mm	Blue	102 mm	4,5 mm
SR-48/30-102-3-4	Coolant & boost	48/30 mm	Blue	102 mm	4,5 mm
SR-51/38-102-3-4	Coolant & boost	51/38 mm	Blue	102 mm	4,5 mm
SR-51/45-102-3-4	Coolant & boost	51/45 mm	Blue	102 mm	4,5 mm
SR-52/48-120-4-4	Coolant & boost	52/48 mm	Blue	120 mm	5,0 mm
SR-54/51-102-3-4	Coolant & boost	54/51 mm	Blue	102 mm	4,5 mm
SR-57/51-102-3-4	Coolant & boost	57/51 mm	Blue	102 mm	4,5 mm
SR-60/48-102-3-4	Coolant & boost	60/48 mm	Blue	102 mm	4,5 mm
SR-60/48-120-3-4	Coolant & boost	60/48 mm	Blue	120 mm	4,5 mm
SR-60/50-102-3-4	Coolant & boost	60/50 mm	Blue	102 mm	4,5 mm
SR-60/55-102-3-4	Coolant & boost	60/55 mm	Blue	102 mm	4,5 mm
SR-63/51-102-3-4	Coolant & boost	63/51 mm	Blue	102 mm	4,5 mm
SR-63/57-102-3-4	Coolant & boost	63/57 mm	Blue	102 mm	4,5 mm
SR-65/60-102-3-4	Coolant & boost	65/60 mm	Blue	102 mm	4,5 mm
SR-65/60-55-3-4	Coolant & boost	65/60 mm	Blue	55 mm	4,5 mm
SR-70/50-102-3-4	Coolant & boost	70/50 mm	Blue	102 mm	4,5 mm
SR-70/57-102-3-4	Coolant & boost	70/57 mm	Blue	102 mm	4,5 mm
SR-70/60-102-3-4	Coolant & boost	70/60 mm	Blue	102 mm	4,5 mm
SR-70/63-102-3-4	Coolant & boost	70/63 mm	Blue	102 mm	4,5 mm
SR-73/70-102-3-4	Coolant & boost	73/70 mm	Blue	102 mm	4,5 mm
SR-76/51-102-3-4	Coolant & boost	76/51 mm	Blue	102 mm	4,5 mm
SR-76/57-102-4-4	Coolant & boost	76/57 mm	Blue	102 mm	5,0 mm
SR-76/60-102-4-4	Coolant & boost	76/60 mm	Blue	102 mm	5,0 mm
SR-76/63-102-3-4	Coolant & boost	76/63 mm	Blue	102 mm	4,5 mm
SR-76/70-102-3-4	Coolant & boost	76/70 mm	Blue	102 mm	4,5 mm
SR-80/60-102-3-4	Coolant & boost	80/60 mm	Blue	102 mm	4,5 mm
SR-80/70-102-3-4	Coolant & boost	80/70 mm	Blue	102 mm	4,5 mm
SR-83/70-102-4-4	Coolant & boost	83/70 mm	Blue	102 mm	5,0 mm
SR-88/79-102-4-4	Coolant & boost	88/79 mm	Blue	102 mm	5,0 mm
SR-89/76-102-4-4	Coolant & boost	89/76 mm	Blue	102 mm	5,0 mm
SR-90/70-102-4-4	Coolant & boost	90/70 mm	Blue	102 mm	5,0 mm
SR-90/80-102-4-4	Coolant & boost	90/80 mm	Blue	102 mm	5,0 mm
SR-102/76-102-4-4	Coolant & boost	102/76 mm	Blue	102 mm	5,0 mm
SR-102/89-102-4-4	Coolant & boost	102/89 mm	Blue	102 mm	5,0 mm
SR-111/98-102-4-4	Coolant & boost	111/98 mm	Blue	102 mm	5,0 mm
SR-114/98-102-4-4	Coolant & boost	114/98 mm	Blue	102 mm	5,0 mm
SR-127/89-102-4-4	Coolant & boost	127/89 mm	Blue	102 mm	5,0 mm
SR-127/102-102-4-4	Coolant & boost	127/102 mm	Blue	102 mm	5,0 mm



Elbows

4 types of elbow available: 30°, 45°, 60°, 90°, 135° and 180°
Standard leg length 102mm
Polyester reinforced
3 ply (4.5mm wall)
Standard colour blue, other colours available
Other constructions available, including fluorosilicone lined for oil



Code	Application	Elbow	Inner Ø	Colour	Length	Wall
E30-6.5-102-3-4	Coolant & boost	30°	6,5 mm	Blue	102 mm	3,5 mm
E30-8.0-102-3-4	Coolant & boost	30°	8,0 mm	Blue	102 mm	3,5 mm
E30-9.5-102-3-4	Coolant & boost	30°	9,5 mm	Blue	102 mm	3,5 mm
E30-11-102-3-4	Coolant & boost	30°	11 mm	Blue	102 mm	3,5 mm
E30-13-102-3-4	Coolant & boost	30°	13 mm	Blue	102 mm	3,5 mm
E30-16-102-3-4	Coolant & boost	30°	16 mm	Blue	102 mm	4,5 mm
E30-19-102-3-4	Coolant & boost	30°	19 mm	Blue	102 mm	4,5 mm
E30-22-102-3-4	Coolant & boost	30°	22 mm	Blue	102 mm	4,5 mm
E30-25-102-3-4	Coolant & boost	30°	25 mm	Blue	102 mm	4,5 mm
E30-28-102-3-4	Coolant & boost	30°	28 mm	Blue	102 mm	4,5 mm
E30-30-102-3-4	Coolant & boost	30°	30 mm	Blue	102 mm	4,5 mm
E30-32-102-3-4	Coolant & boost	30°	32 mm	Blue	102 mm	4,5 mm
E30-35-102-3-4	Coolant & boost	30°	35 mm	Blue	102 mm	4,5 mm
E30-38-102-3-4	Coolant & boost	30°	38 mm	Blue	102 mm	4,5 mm
E30-41-102-3-4	Coolant & boost	30°	41 mm	Blue	102 mm	4,5 mm
E30-45-102-3-4	Coolant & boost	30°	45 mm	Blue	102 mm	4,5 mm
E30-48-102-3-4	Coolant & boost	30°	48 mm	Blue	102 mm	4,5 mm
E30-51-102-3-4	Coolant & boost	30°	51 mm	Blue	102 mm	4,5 mm
E30-54-102-3-4	Coolant & boost	30°	54 mm	Blue	102 mm	4,5 mm
E30-57-102-3-4	Coolant & boost	30°	57 mm	Blue	102 mm	4,5 mm
E30-60-125-3-4	Coolant & boost	30°	60 mm	Blue	125 mm	4,5 mm
E30-63-125-3-4	Coolant & boost	30°	63 mm	Blue	125 mm	4,5 mm
E30-70-125-3-4	Coolant & boost	30°	70 mm	Blue	125 mm	4,5 mm
E30-76-152-3-4	Coolant & boost	30°	76 mm	Blue	152 mm	5,0 mm
E30-80-152-3-4	Coolant & boost	30°	80 mm	Blue	152 mm	5,0 mm
E30-83-152-3-4	Coolant & boost	30°	83 mm	Blue	152 mm	5,0 mm
E30-89-152-3-4	Coolant & boost	30°	89 mm	Blue	152 mm	5,0 mm
E30-102-152-3-4	Coolant & boost	30°	102 mm	Blue	152 mm	5,0 mm
E45-6.5-102-3-4	Coolant & boost	45°	6,5 mm	Blue	102 mm	4,5 mm
E45-8-102-3-4	Coolant & boost	45°	8,0 mm	Blue	102 mm	4,5 mm
E45-9.5-102-3-4	Coolant & boost	45°	9,5 mm	Blue	102 mm	4,5 mm
E45-11-102-3-4	Coolant & boost	45°	11 mm	Blue	102 mm	4,5 mm
E45-13-102-3-4	Coolant & boost	45°	13 mm	Blue	102 mm	4,5 mm
E45-16-102-3-4	Coolant & boost	45°	16 mm	Blue	102 mm	4,5 mm
E45-19-102-3-4	Coolant & boost	45°	19 mm	Blue	102 mm	4,5 mm
E45-22-102-3-4	Coolant & boost	45°	22 mm	Blue	102 mm	4,5 mm
E45-25-102-3-4	Coolant & boost	45°	25 mm	Blue	102 mm	4,5 mm
E45-28-102-3-4	Coolant & boost	45°	28 mm	Blue	102 mm	4,5 mm
E45-30-102-3-4	Coolant & boost	45°	30 mm	Blue	102 mm	4,5 mm
E45-32-102-3-4	Coolant & boost	45°	32 mm	Blue	102 mm	4,5 mm
E45-35-102-3-4	Coolant & boost	45°	35 mm	Blue	102 mm	4,5 mm
E45-38-102-3-4	Coolant & boost	45°	38 mm	Blue	102 mm	4,5 mm
E45-41-102-3-4	Coolant & boost	45°	41 mm	Blue	102 mm	4,5 mm
E45-45-102-3-4	Coolant & boost	45°	45 mm	Blue	102 mm	4,5 mm
E45-48-102-3-4	Coolant & boost	45°	48 mm	Blue	102 mm	4,5 mm
E45-51-102-3-4	Coolant & boost	45°	51 mm	Blue	102 mm	4,5 mm
E45-54-102-3-4	Coolant & boost	45°	54 mm	Blue	102 mm	4,5 mm
E45-57-102-3-4	Coolant & boost	45°	57 mm	Blue	102 mm	4,5 mm
E45-60-125-3-4	Coolant & boost	45°	60 mm	Blue	125 mm	4,5 mm
E45-63-125-3-4	Coolant & boost	45°	63 mm	Blue	125 mm	4,5 mm
E45-70-125-3-4	Coolant & boost	45°	70 mm	Blue	125 mm	4,5 mm
E45-76-152-4-4	Coolant & boost	45°	76 mm	Blue	152 mm	5,0 mm
E45-80-125-4-4	Coolant & boost	45°	80 mm	Blue	125 mm	5,0 mm
E45-83-125-4-4	Coolant & boost	45°	83 mm	Blue	125 mm	5,0 mm

For further colours, materials and applications see coding system at the beginning of this chapter.

Elbows - follows

Code	Application	Elbow	Inner Ø	Colour	Length	Wall
E45-89-125-4-4	Coolant & boost	45°	89 mm	Blue	125 mm	5,0 mm
E45-102-152-4-4	Coolant & boost	45°	102 mm	Blue	152 mm	5,0 mm
E60-6.5-102-3-4	Coolant & boost	60°	6,5 mm	Blue	102 mm	3,5 mm
E60-8.0-102-3-4	Coolant & boost	60°	8,0 mm	Blue	102 mm	3,5 mm
E60-9.5-102-3-4	Coolant & boost	60°	9,5 mm	Blue	102 mm	3,5 mm
E60-11-102-3-4	Coolant & boost	60°	11 mm	Blue	102 mm	3,5 mm
E60-13-102-3-4	Coolant & boost	60°	13 mm	Blue	102 mm	3,5 mm
E60-19-102-3-4	Coolant & boost	60°	19 mm	Blue	102 mm	4,5 mm
E60-22-102-3-4	Coolant & boost	60°	22 mm	Blue	102 mm	4,5 mm
E60-25-102-3-4	Coolant & boost	60°	25 mm	Blue	102 mm	4,5 mm
E60-28-102-3-4	Coolant & boost	60°	28 mm	Blue	102 mm	4,5 mm
E60-32-102-3-4	Coolant & boost	60°	32 mm	Blue	102 mm	4,5 mm
E60-35-102-3-4	Coolant & boost	60°	35 mm	Blue	102 mm	4,5 mm
E60-38-102-3-4	Coolant & boost	60°	38 mm	Blue	102 mm	4,5 mm
E60-41-102-3-4	Coolant & boost	60°	41 mm	Blue	102 mm	4,5 mm
E60-45-102-3-4	Coolant & boost	60°	45 mm	Blue	102 mm	4,5 mm
E60-48-102-3-4	Coolant & boost	60°	48 mm	Blue	102 mm	4,5 mm
E60-51-102-3-4	Coolant & boost	60°	51 mm	Blue	102 mm	4,5 mm
E60-54-102-3-4	Coolant & boost	60°	54 mm	Blue	102 mm	4,5 mm
E60-57-102-3-4	Coolant & boost	60°	57 mm	Blue	102 mm	4,5 mm
E60-60-125-3-4	Coolant & boost	60°	60 mm	Blue	125 mm	4,5 mm
E60-63-125-3-4	Coolant & boost	60°	63 mm	Blue	125 mm	4,5 mm
E60-70-125-3-4	Coolant & boost	60°	70 mm	Blue	125 mm	4,5 mm
E60-76-152-3-4	Coolant & boost	60°	76 mm	Blue	152 mm	5,0 mm
E60-80-152-3-4	Coolant & boost	60°	80 mm	Blue	152 mm	5,0 mm
E60-83-152-3-4	Coolant & boost	60°	83 mm	Blue	152 mm	5,0 mm
E60-89-152-3-4	Coolant & boost	60°	89 mm	Blue	152 mm	5,0 mm
E60-102-152-3-4	Coolant & boost	60°	102 mm	Blue	152 mm	5,0 mm
E90-6.5-102-3-4	Coolant & boost	90°	6,5 mm	Blue	102 mm	4,5 mm
E90-8-102-3-4	Coolant & boost	90°	8,0 mm	Blue	102 mm	4,5 mm
E90-9.5-102-3-4	Coolant & boost	90°	9,5 mm	Blue	102 mm	4,5 mm
E90-11-102-3-4	Coolant & boost	90°	11 mm	Blue	102 mm	4,5 mm
E90-13-102-3-4	Coolant & boost	90°	13 mm	Blue	102 mm	4,5 mm
E90-14-102-3-4	Coolant & boost	90°	14 mm	Blue	102 mm	4,5 mm
E90-16-102-3-4	Coolant & boost	90°	16 mm	Blue	102 mm	4,5 mm
E90-18-102-3-4	Coolant & boost	90°	18 mm	Blue	102 mm	4,5 mm
E90-19-102-3-4	Coolant & boost	90°	19 mm	Blue	102 mm	4,5 mm
E90-20-102-3-4	Coolant & boost	90°	20 mm	Blue	102 mm	4,5 mm
E90-22-102-3-4	Coolant & boost	90°	22 mm	Blue	102 mm	4,5 mm
E90-25-102-3-4	Coolant & boost	90°	25 mm	Blue	102 mm	4,5 mm
E90-28-102-3-4	Coolant & boost	90°	28 mm	Blue	102 mm	4,5 mm
E90-30-102-3-4	Coolant & boost	90°	30 mm	Blue	102 mm	4,5 mm
E90-32-102-3-4	Coolant & boost	90°	32 mm	Blue	102 mm	4,5 mm
E90-35-102-3-4	Coolant & boost	90°	35 mm	Blue	102 mm	4,5 mm
E90-38-102-3-4	Coolant & boost	90°	38 mm	Blue	102 mm	4,5 mm
E90-41-102-3-4	Coolant & boost	90°	41 mm	Blue	102 mm	4,5 mm
E90-45-102-3-4	Coolant & boost	90°	45 mm	Blue	102 mm	4,5 mm
E90-48-102-3-4	Coolant & boost	90°	48 mm	Blue	102 mm	4,5 mm
E90-51-102-3-4	Coolant & boost	90°	51 mm	Blue	102 mm	4,5 mm
E90-54-102-3-4	Coolant & boost	90°	54 mm	Blue	102 mm	4,5 mm
E90-57-102-3-4	Coolant & boost	90°	57 mm	Blue	102 mm	4,5 mm
E90-60-125-3-4	Coolant & boost	90°	60 mm	Blue	125 mm	4,5 mm
E90-63-125-3-4	Coolant & boost	90°	63 mm	Blue	125 mm	4,5 mm
E90-65-125-3-4	Coolant & boost	90°	65 mm	Blue	125 mm	4,5 mm
E90-70-125-3-4	Coolant & boost	90°	70 mm	Blue	125 mm	4,5 mm
E90-76-152-4-4	Coolant & boost	90°	76 mm	Blue	152 mm	5,0 mm
E90-80-125-4-4	Coolant & boost	90°	80 mm	Blue	125 mm	5,0 mm
E90-83-125-4-4	Coolant & boost	90°	83 mm	Blue	125 mm	5,0 mm
E90-89-125-4-4	Coolant & boost	90°	89 mm	Blue	125 mm	5,0 mm
E90-95-152-4-4	Coolant & boost	90°	95 mm	Blue	152 mm	5,0 mm
E90-102-152-4-4	Coolant & boost	90°	102 mm	Blue	152 mm	5,0 mm
E90-114-152-5-4	Coolant & boost	90°	114 mm	Blue	152 mm	5,5 mm
E135-6.5-102-3-4	Coolant & boost	135°	6,5 mm	Blue	102 mm	4,5 mm
E135-8-102-3-4	Coolant & boost	135°	8,0 mm	Blue	102 mm	4,5 mm
E135-9.5-102-3-4	Coolant & boost	135°	9,5 mm	Blue	102 mm	4,5 mm
E135-11-102-3-4	Coolant & boost	135°	11 mm	Blue	102 mm	4,5 mm

Elbows - follows

Code	Application	Elbow	Inner Ø	Colour	Length	Wall
E135-13-102-3-4	Coolant & boost	135°	13 mm	Blue	102 mm	4,5 mm
E135-16-102-3-4	Coolant & boost	135°	16 mm	Blue	102 mm	4,5 mm
E135-19-102-3-4	Coolant & boost	135°	19 mm	Blue	102 mm	4,5 mm
E135-22-102-3-4	Coolant & boost	135°	22 mm	Blue	102 mm	4,5 mm
E135-25-102-3-4	Coolant & boost	135°	25 mm	Blue	102 mm	4,5 mm
E135-28-102-3-4	Coolant & boost	135°	28 mm	Blue	102 mm	4,5 mm
E135-30-102-3-4	Coolant & boost	135°	30 mm	Blue	102 mm	4,5 mm
E135-32-102-3-4	Coolant & boost	135°	32 mm	Blue	102 mm	4,5 mm
E135-35-102-3-4	Coolant & boost	135°	35 mm	Blue	102 mm	4,5 mm
E135-38-102-3-4	Coolant & boost	135°	38 mm	Blue	102 mm	4,5 mm
E135-41-102-3-4	Coolant & boost	135°	41 mm	Blue	102 mm	4,5 mm
E135-45-102-3-4	Coolant & boost	135°	45 mm	Blue	102 mm	4,5 mm
E135-48-102-3-4	Coolant & boost	135°	48 mm	Blue	102 mm	4,5 mm
E135-51-102-3-4	Coolant & boost	135°	51 mm	Blue	102 mm	4,5 mm
E135-54-102-3-4	Coolant & boost	135°	54 mm	Blue	102 mm	4,5 mm
E135-57-102-3-4	Coolant & boost	135°	57 mm	Blue	102 mm	4,5 mm
E135-60-125-3-4	Coolant & boost	135°	60 mm	Blue	125 mm	4,5 mm
E135-63-125-3-4	Coolant & boost	135°	63 mm	Blue	125 mm	4,5 mm
E135-70-125-3-4	Coolant & boost	135°	70 mm	Blue	125 mm	4,5 mm
E135-76-125-4-4	Coolant & boost	135°	76 mm	Blue	125 mm	5,0 mm
E135-80-125-4-4	Coolant & boost	135°	80mm	Blue	125 mm	5,0 mm
E180-13-102-3-4	Coolant & boost	180°	13 mm	Blue	102 mm	4,5 mm
E180-16-102-3-4	Coolant & boost	180°	16 mm	Blue	102 mm	4,5 mm
E180-19-102-3-4	Coolant & boost	180°	19 mm	Blue	102 mm	4,5 mm
E180-22-102-3-4	Coolant & boost	180°	22 mm	Blue	102 mm	4,5 mm
E180-25-102-3-4	Coolant & boost	180°	25 mm	Blue	102 mm	4,5 mm
E180-28-102-3-4	Coolant & boost	180°	28 mm	Blue	102 mm	4,5 mm
E180-30-102-3-4	Coolant & boost	180°	30 mm	Blue	102 mm	4,5 mm
E180-32-102-3-4	Coolant & boost	180°	32 mm	Blue	102 mm	4,5 mm
E180-35-102-3-4	Coolant & boost	180°	35 mm	Blue	102 mm	4,5 mm
E180-38-102-3-4	Coolant & boost	180°	38 mm	Blue	102 mm	4,5 mm
E180-41-102-3-4	Coolant & boost	180°	41 mm	Blue	102 mm	4,5 mm
E180-45-102-3-4	Coolant & boost	180°	45 mm	Blue	102 mm	4,5 mm
E180-48-102-3-4	Coolant & boost	180°	48 mm	Blue	102 mm	4,5 mm
E180-51-102-3-4	Coolant & boost	180°	51 mm	Blue	102 mm	4,5 mm
E180-54-102-3-4	Coolant & boost	180°	54 mm	Blue	102 mm	4,5 mm
E180-57-102-3-4	Coolant & boost	180°	57 mm	Blue	102 mm	4,5 mm
E180-60-125-3-4	Coolant & boost	180°	60 mm	Blue	125 mm	4,5 mm
E180-63-125-3-4	Coolant & boost	180°	63 mm	Blue	125 mm	4,5 mm
E180-76-125-4-4	Coolant & boost	180°	76 mm	Blue	125 mm	5,0 mm



Elbow reducers

2 types of elbow available: 45°, 90°
 Standard length 102mm
 Polyester reinforced
 3 ply (4.5mm wall)
 Standard colour blue, other colours available
 Other constructions available, including fluorosilicone lined for oil under vacuum

Code	Application	Elbow	Inner Ø	Colour	Length	Wall
RE45-25/19-102-3-4	Coolant & boost	45°	25/19 mm	Blue	102 mm	4,5 mm
RE45-38/16-102-3-4	Coolant & boost	45°	38/16 mm	Blue	102 mm	4,5 mm
RE45-38/35-102-3-4	Coolant & boost	45°	38/35 mm	Blue	102 mm	4,5 mm
RE45-40/32-102-3-4	Coolant & boost	45°	40/32 mm	Blue	102 mm	4,5 mm
RE45-42/32-102-3-4	Coolant & boost	45°	42/32 mm	Blue	102 mm	4,5 mm
RE45-50/45-102-4-4	Coolant & boost	45°	50/45 mm	Blue	102 mm	5,0 mm
RE45-57/51-102-3-4	Coolant & boost	45°	57/51 mm	Blue	102 mm	4,5 mm
RE45-60/51-125-3-4	Coolant & boost	45°	60/51 mm	Blue	125 mm	4,5 mm
RE45-63/51-125-3-4	Coolant & boost	45°	63/51 mm	Blue	125 mm	4,5 mm
RE45-63/57-125-3-4	Coolant & boost	45°	63/57 mm	Blue	125 mm	4,5 mm
RE45-65/60-125-3-4	Coolant & boost	45°	65/60 mm	Blue	125 mm	4,5 mm
RE45-70/51-125-3-4	Coolant & boost	45°	70/51 mm	Blue	125 mm	4,5 mm
RE45-70/60-125-3-4	Coolant & boost	45°	70/60 mm	Blue	125 mm	4,5 mm
RE45-76/63-125-4-4	Coolant & boost	45°	76/63 mm	Blue	125 mm	5,0 mm
RE45-80/70-125-4-4	Coolant & boost	45°	80/70 mm	Blue	125 mm	5,0 mm

For further colours, materials and applications see coding system at the beginning of this chapter.

Elbow reducers - follows

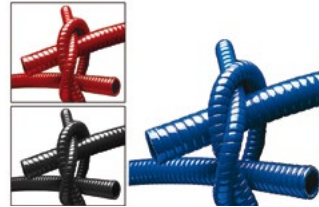
Code	Application	Elbow	Inner Ø	Colour	Length	Wall
RE45-102/76-125-4-4	Coolant & boost	45°	102/76 mm	Blue	125 mm	5,0 mm
RE90-16/13-102-3-4	Coolant & boost	90°	16/13 mm	Blue	102 mm	4,5 mm
RE90-19/13-102-3-4	Coolant & boost	90°	19/13 mm	Blue	102 mm	4,5 mm
RE90-19/16-102-3-4	Coolant & boost	90°	19/16 mm	Blue	102 mm	4,5 mm
RE90-22/16-102-3-4	Coolant & boost	90°	22/16 mm	Blue	102 mm	4,5 mm
RE90-22/19-102-3-4	Coolant & boost	90°	22/19 mm	Blue	102 mm	4,5 mm
RE90-25/19-102-3-4	Coolant & boost	90°	25/19 mm	Blue	102 mm	4,5 mm
RE90-28/16-102-3-4	Coolant & boost	90°	28/16 mm	Blue	102 mm	4,5 mm
RE90-28/25-102-3-4	Coolant & boost	90°	28/25 mm	Blue	102 mm	4,5 mm
RE90-32/19-102-3-4	Coolant & boost	90°	32/19 mm	Blue	102 mm	4,5 mm
RE90-32/25-102-3-4	Coolant & boost	90°	32/25 mm	Blue	102 mm	4,5 mm
RE90-32/28-102-3-4	Coolant & boost	90°	32/28 mm	Blue	102 mm	4,5 mm
RE90-35/25-102-3-4	Coolant & boost	90°	35/25 mm	Blue	102 mm	4,5 mm
RE90-35/32-102-3-4	Coolant & boost	90°	35/32 mm	Blue	102 mm	4,5 mm
RE90-38/25-102-3-4	Coolant & boost	90°	38/25 mm	Blue	102 mm	4,5 mm
RE90-38/32-102-3-4	Coolant & boost	90°	38/32 mm	Blue	102 mm	4,5 mm
RE90-38/35-102-3-4	Coolant & boost	90°	38/35 mm	Blue	102 mm	4,5 mm
RE90-42/32-102-3-4	Coolant & boost	90°	42/32 mm	Blue	102 mm	4,5 mm
RE90-42/38-102-3-4	Coolant & boost	90°	42/38 mm	Blue	102 mm	4,5 mm
RE90-44/25-102-3-4	Coolant & boost	90°	44/25 mm	Blue	102 mm	4,5 mm
RE90-45/35-102-3-4	Coolant & boost	90°	45/35 mm	Blue	102 mm	4,5 mm
RE90-45/38-102-3-4	Coolant & boost	90°	45/38 mm	Blue	102 mm	4,5 mm
RE90-51/45-102-3-4	Coolant & boost	90°	51/45 mm	Blue	102 mm	4,5 mm
RE90-54/48-102-3-4	Coolant & boost	90°	54/48 mm	Blue	102 mm	4,5 mm
RE90-57/51-102-3-4	Coolant & boost	90°	57/51 mm	Blue	102 mm	4,5 mm
RE90-60/48-125-3-4	Coolant & boost	90°	60/48 mm	Blue	125 mm	4,5 mm
RE90-60/50-125-3-4	Coolant & boost	90°	60/50 mm	Blue	125 mm	4,5 mm
RE90-63/51-125-3-4	Coolant & boost	90°	63/51 mm	Blue	125 mm	4,5 mm
RE90-63/55-125-3-4	Coolant & boost	90°	63/55 mm	Blue	125 mm	4,5 mm
RE90-63/57-125-3-4	Coolant & boost	90°	63/57 mm	Blue	125 mm	4,5 mm
RE90-65/51-125-5-4	Coolant & boost	90°	65/51 mm	Blue	125 mm	5,5 mm
RE90-65/60-125-3-4	Coolant & boost	90°	65/60 mm	Blue	125 mm	4,5 mm
RE90-70/50-125-3-4	Coolant & boost	90°	70/50 mm	Blue	125 mm	4,5 mm
RE90-70/60-125-3-4	Coolant & boost	90°	70/60 mm	Blue	125 mm	4,5 mm
RE90-70/63-125-3-4	Coolant & boost	90°	70/63 mm	Blue	125 mm	4,5 mm
RE90-76/51-125-3-4	Coolant & boost	90°	76/51 mm	Blue	125 mm	4,5 mm
RE90-76/56-125-4-4	Coolant & boost	90°	76/56 mm	Blue	125 mm	5,0 mm
RE90-76/60-125-4-4	Coolant & boost	90°	76/60 mm	Blue	125 mm	5,0 mm
RE90-76/63-125-4-4	Coolant & boost	90°	76/63 mm	Blue	125 mm	5,0 mm
RE90-76/70-125-4-4	Coolant & boost	90°	76/70 mm	Blue	125 mm	5,0 mm
RE90-80/72-125-4-4	Coolant & boost	90°	80/72 mm	Blue	125 mm	5,0 mm
RE90-89/76-125-4-4	Coolant & boost	90°	89/76 mm	Blue	125 mm	5,0 mm
RE90-90/50-125-4-4	Coolant & boost	90°	90/50 mm	Blue	125 mm	5,0 mm
RE90-102/76-125-4-4	Coolant & boost	90°	102/76 mm	Blue	125 mm	5,0 mm
RE90-102/89-125-4-4	Coolant & boost	90°	102/89 mm	Blue	125 mm	5,0 mm
RE90-102/95-125-4-4	Coolant & boost	90°	102/95 mm	Blue	125 mm	5,0 mm



T-pieces

Suitable for dump-valve take-offs
 Standard length 102mm (main body)
 Spout diameter 25mm, length 25mm
 Polyester reinforced
 3 ply construction (4,5mm wall)
 Standard colour blue, other colours available
 Other constructions available, including fluorosilicone lined for oil

Code	Application	Inner Ø	Colour	Length	Wall
STP-32-102-3-4	Coolant & boost	32/25 mm	Blue	102 mm	4,5 mm
STP-38-102-3-4	Coolant & boost	38/25 mm	Blue	102 mm	4,5 mm
STP-45-102-3-4	Coolant & boost	45/25 mm	Blue	102 mm	4,5 mm
STP-51-102-3-4	Coolant & boost	51/25 mm	Blue	102 mm	4,5 mm
STP-55-102-3-4	Coolant & boost	55/25 mm	Blue	102 mm	4,5 mm
STP-60-102-3-4	Coolant & boost	60/25 mm	Blue	102 mm	4,5 mm
STP-63-102-3-4	Coolant & boost	63/25 mm	Blue	102 mm	4,5 mm
STP-76-102-4-4	Coolant & boost	76/25 mm	Blue	102 mm	5,0 mm



Straight hoses wire reinforced

Wire-reinforced hoses offer increased flexibility, very high burst pressures, and will not collapse under vacuum. Available colours: blue, red, black: choose color on the website.

Code	Length	Inner Ø	Colour
WHL-13-1000-3-4	1 mt	13 mm	Blue
WHL-16-1000-3-4	1 mt	16 mm	Blue
WHL-19-1000-3-4	1 mt	19 mm	Blue
WHL-22-1000-3-4	1 mt	22 mm	Blue
WHL-25-1000-3-4	1 mt	25 mm	Blue
WHL-28-1000-3-4	1 mt	28 mm	Blue
WHL-30-1000-3-4	1 mt	30 mm	Blue
WHL-32-1000-3-4	1 mt	32 mm	Blue
WHL-35-1000-3-4	1 mt	35 mm	Blue
WHL-38-1000-3-4	1 mt	38 mm	Blue
WHL-41-1000-3-4	1 mt	41 mm	Blue
WHL-45-1000-3-4	1 mt	45 mm	Blue
WHL-48-1000-3-4	1 mt	48 mm	Blue
WHL-51-1000-3-4	1 mt	51 mm	Blue
WHL-54-1000-3-4	1 mt	54 mm	Blue
WHL-57-1000-3-4	1 mt	57 mm	Blue
WHL-60-1000-3-4	1 mt	60 mm	Blue
WHL-63-1000-3-4	1 mt	63 mm	Blue
WHL-65-1000-3-4	1 mt	65 mm	Blue
WHL-70-1000-3-4	1 mt	70 mm	Blue
WHL-76-1000-4-4	1 mt	76 mm	Blue
WHL-80-1000-4-4	1 mt	80 mm	Blue
WHL-83-1000-4-4	1 mt	83 mm	Blue
WHL-89-1000-4-4	1 mt	89 mm	Blue
WHL-102-1000-4-4	1 mt	102 mm	Blue
WHL-114-1000-4-4	1 mt	114 mm	Blue
WHL-127-1000-4-4	1 mt	127 mm	Blue



Straight humps

Standard length 76mm
 Polyester reinforced
 3 ply up to 70mm bore (4.5mm wall), 4 ply from 76mm (5.0mm wall)
 Standard colour blue, other colours available
 Other constructions available, including fluorosilicone lined for oil

Code	Application	Inner Ø	Colour	Length	Wall
SHH-51-76-3-4	Coolant & boost	51 mm	Blue	76 mm	4,5 mm
SHH-60-76-3-4	Coolant & boost	60 mm	Blue	76 mm	4,5 mm
SHH-63-76-3-4	Coolant & boost	63 mm	Blue	76 mm	4,5 mm
SHH-70-76-3-4	Coolant & boost	70 mm	Blue	76 mm	4,5 mm
SHH-76-76-4-4	Coolant & boost	76 mm	Blue	76 mm	5,0 mm
SHH-80-76-4-4	Coolant & boost	80 mm	Blue	76 mm	5,0 mm



For further colours, materials and applications see coding system at the beginning of this chapter.



Vacuum tubes

SFS Performance extruded silicone rubber tubing is ideal for use as:

Vacuum Lines; Washer Tubing; Coolant Overflow; Wire Insulation; Emission Control

Standard colours: blue, red, yellow, black: choose color on the website

Code	Inner Ø	Colour	Length	Wall
VT-3-3-3	3 mm	Black	3 mt	2,0 mm
VT-3-30-3	3 mm	Black	30 mt	2,0 mm
VT-4-3-3	4 mm	Black	3 mt	2,0 mm
VT-4-30-3	4 mm	Black	30 mt	2,0 mm
VT-5-3-3	5 mm	Black	3 mt	2,5 mm
VT-6-3-3	6 mm	Black	3 mt	2,5 mm
VT-6-30-3	6 mm	Black	30 mt	2,5 mm
VT-8-3-3	8 mm	Black	3 mt	3,0 mm
VT-8-30-3	8 mm	Black	30 mt	3,0 mm
VT-10-3-3	10 mm	Black	3 mt	3,0 mm
VT-10-30-3	10 mm	Black	30 mt	3,0 mm
VT-3-3-4	3 mm	Blue	3 mt	2,0 mm
VT-3-30-4	3 mm	Blue	30 mt	2,0 mm
VT-4-3-4	4 mm	Blue	3 mt	2,0 mm
VT-4-30-4	4 mm	Blue	30 mt	2,0 mm
VT-5-3-4	5 mm	Blue	3 mt	2,5 mm
VT-6-3-4	6 mm	Blue	3 mt	2,5 mm
VT-6-30-4	6 mm	Blue	30 mt	2,5 mm
VT-8-3-4	8 mm	Blue	3 mt	3,0 mm
VT-8-30-4	8 mm	Blue	30 mt	3,0 mm
VT-10-3-4	10 mm	Blue	3 mt	3,0 mm
VT-10-30-4	10 mm	Blue	30 mt	3,0 mm
VT-3-3-5	3 mm	Red	3 mt	2,0 mm
VT-3-30-5	3 mm	Red	30 mt	2,0 mm
VT-4-3-5	4 mm	Red	3 mt	2,0 mm
VT-4-30-5	4 mm	Red	30 mt	2,0 mm
VT-5-3-5	5 mm	Red	3 mt	2,5 mm
VT-6-3-5	6 mm	Red	3 mt	2,5 mm
VT-6-30-5	6 mm	Red	30 mt	2,5 mm
VT-8-3-5	8 mm	Red	3 mt	3,0 mm
VT-8-30-5	8 mm	Red	30 mt	3,0 mm
VT-10-3-5	10 mm	Red	3 mt	3,0 mm
VT-10-30-5	10 mm	Red	30 mt	3,0 mm



Ducting Hoses

SFS Performance High-Temperature Ducting is a flexible, lightweight ducting capable of withstanding temperatures up to +300°C.

Single Ply: Glass reinforced silicone ducting, exposed wire helix in bore - unlined

Double Ply: Glass reinforced silicone ducting, covered wire helix in bore - lined

Temperature Range: 315°C

Colour: Red Iron Oxide

Max Length: 4m



Code	Layers	Diameter
SFD-25-1-5	1	25 mm
SFD-31-1-5	1	31 mm
SFD-38-1-5	1	38 mm
SFD-44-1-5	1	44 mm
SFD-51-1-5	1	51 mm
SFD-57-1-5	1	57 mm
SFD-63-1-5	1	63 mm
SFD-69-1-5	1	69 mm
SFD-76-1-5	1	76 mm
SFD-82-1-5	1	82 mm
SFD-89-1-5	1	89 mm
SFD-102-1-5	1	102 mm
SFD-114-1-5	1	114 mm
SFD-127-1-5	1	127 mm
SFD-140-1-5	1	140 mm
SFD-152-1-5	1	152 mm
SFD-203-1-5	1	203 mm
SFD-25-2-5	2	25 mm
SFD-31-2-5	2	31 mm
SFD-38-2-5	2	38 mm
SFD-44-2-5	2	44 mm
SFD-51-2-5	2	51 mm
SFD-57-2-5	2	57 mm
SFD-63-2-5	2	63 mm
SFD-69-2-5	2	69 mm
SFD-76-2-5	2	76 mm
SFD-82-2-5	2	82 mm
SFD-89-2-5	2	89 mm
SFD-102-2-5	2	102 mm
SFD-114-2-5	2	114 mm
SFD-127-2-5	2	127 mm
SFD-140-2-5	2	140 mm
SFD-152-2-5	2	152 mm
SFD-178-2-5	2	178 mm
SFD-203-2-5	2	203 mm



Go directly to online store!

Choose material and colour of your hose in the webstore www.giefferacing.com.

Focus on **QRcode** with the reader of your **smartphone or tablet**, select features and buy online!



CLIPS & CLAMPS



A hose clip might not be the most expensive part of an installation, but if it fails the results could be disastrous. That is why Jubilee® Clips manufacture their hose clips to the very highest standards, using only premium grade materials. Jubilee® Clips have, over the years, proven to be safe, durable and capable in combating extreme clamping conditions. 304 Stainless Steel



Code	Diameter
JUBILEE-000	9,5-12 mm
JUBILEE-M00	11-16 mm
JUBILEE-00	13-20 mm
JUBILEE-0	16-22 mm
JUBILEE-0X	18-25 mm
JUBILEE-01A	22-30 mm
JUBILEE-01	25-35 mm
JUBILEE-01X	30-40 mm
JUBILEE-01M	32-45 mm
JUBILEE-02A	35-50 mm
JUBILEE-02	40-55 mm
JUBILEE-02X	45-60 mm
JUBILEE-03	55-70 mm
JUBILEE-03X	60-80 mm
JUBILEE-04	70-90 mm
JUBILEE-04X	85-100 mm
JUBILEE-05	90-120 mm
JUBILEE-06	110-140 mm
JUBILEE-6X	120-150 mm



Constant tension clip, recommended with silicone hoses fitted to turbocharger compressor outlets and intercooler pipe work. Its unique design compensates for the effects of thermal cycling and compression set of the hose. Used by WRC rally teams worldwide, it's fitment will reduce the risk of hoses coming loose and blowing off, which in the case of turbocharged cars, could prevent overspeeding of the turbocharger and inevitable failure.

- Constant Tension Clamps
- Stainless Steel
- Internally Ribbed & Sprung
- Recommended for Turbo & Intercooler Use
- Will not blow off



Code	Diameter
MURRAY-14S	28-38 mm
MURRAY-20S	35-48 mm
MURRAY-28S	41-60 mm
MURRAY-32S	45-66 mm
MURRAY-36S	50-73 mm
MURRAY-40S	57-79 mm
MURRAY-44S	64-86 mm
MURRAY-52S	76-98 mm
MURRAY-56S	83-105 mm
MURRAY-60S	89-111 mm
MURRAY-64S	95-118 mm
MURRAY-72S	108-130 mm

ALLUMINIUM HOSE JOINERS



Aluminium hose joiners



Code	Diameter
SHJ13	13 mm
SHJ16	16 mm
SHJ19	19 mm
SHJ22	22 mm
SHJ25	25 mm
SHJ28	28 mm
SHJ32	32 mm
SHJ35	35 mm
SHJ38	38 mm
SHJ41	41 mm
SHJ45	45 mm
SHJ48	48 mm
SHJ51	51 mm
SHJ54	54 mm
SHJ57	57 mm
SHJ60	60 mm
SHJ63	63 mm
SHJ70	70 mm
SHJ76	76 mm

