

RapidPressTM

Rapid Press Fittings Ltd. – Piping perfection at every connection

Stainless press fit is a modern plumbing system that offers a quick and reliable alternative to traditional soldering. Using pressing tools/ guns, Stainless pipes and fittings are joined by compressing the m profile end with the EPDM ring, creating a secure, leak-proof seal

This method is popular for its efficiency, reducing installation time and labour costs. It eliminates the need for naked flames, making it safer for use in sensitive environments. Press fit systems are also cleaner, avoiding the residue and potential health hazards associated with soldering fluxes.

While the initial investment in tools can be high, the long-term benefits of speed, safety and reliability make stainless press fit a preferred choice for many plumbing professionals

Rapid Press Fittings Ltd is a distributor dedicated to providing high-performance copper press-fit components and systems for the plumbing, HVAC, and industrial piping sectors. Our mission is to offer the customer reliable, press-fit solutions that combine precision engineering with unmatched durability and stock availability

Our Expertise

Established with decades of experience in pipe support distribution and mechanical design, Rapid Press Fittings Ltd has become an established name in press fit technology. The company's core expertise lies in producing stainless press fittings that eliminate the need for traditional soldering, brazing, or welding. These fittings are designed to be pressed mechanically onto copper pipes using hydraulic or battery-powered pressing tools, creating a strong, leak-proof connection in seconds

Our fittings are manufactured from high-grade 316 Stainless Steel and incorporate WRAS Approved EPDM O-rings, to meet the demanding standards of modern potable water infrastructure systems

Industries Served

Rapid Press Fittings Ltd serves a broad range of industries, including:

Residential and Commercial Plumbing: Our stainless press fittings streamline plumbing installations, reduce labour time, and minimise job-site hazards by eliminating naked flames

Heating and Cooling Systems: For both hydronic and chilled water systems, our fittings provide long-term, reliable performance

Innovation and Quality

At the heart of our success is a commitment to quality and continuous innovation. Our research and development team works closely with industry professionals to design fittings that address real-world installation challenges. Advanced machining and quality control systems ensure that every fitting meets precise dimensional tolerances and performance requirements.

Global Reach

Rapid Press Fittings Ltd are proud of our quality, you can be rest assured with our 50 year warranty (terms and conditions apply)

While headquartered in the North West of the UK, we serve a growing international customer base through a network of distributors and logistics partners, all our product is packaged perfectly to export

Stainless Press Fit Coupler	4
Stainless Press Fit Elbow	5
Stainless Press Fit Obtuse Elbow	6
Stainless Press Fit Street Elbow	7
Stainless Press Fit Obtuse Street Elbow	8
Stainless Press Fit Fitting Reducer	9
Stainless Press Fit Equal Tee	10
Stainless Press Fit Reducing Tee	11
SS/ Brass Press Fit Female Adaptor	12
SS/ Brass Press Fit Male Adaptor	13
SS/ Brass Press Fit Male Elbow	14
SS/ Brass Press Fit Female Elbow	15
SS/Brass Press Fit Female Tee	16
SS/Brass Press Fit Tap Connector	17
SS/Brass Press Fit Male Union	18
SS/ Brass Press Fit Female Union	19
Additional Product Range	20

Stainless Press Fit Coupler



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – 316 SS

Product	Product Code	Bag Content	Box Content
15mm Coupler	SCP015	10	180
22mm Coupler	SCP022	10	180
28mm Coupler	SCP028	10	90
35mm Coupler	SCP035	10	90
42mm Coupler	SCP042	6	54
54mm Coupler	SCP054	4	24
67mm Coupler	SCP067	1	6
76mm Coupler	SCP076	1	6
108mm Coupler	SCP108	1	2

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™

Stainless Press Fit Elbow



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – 316 SS

Product	Product Code	Bag Content	Box Content
15mm Elbow	ESP015	10	180
22mm Elbow	ESP022	10	90
28mm Elbow	ESP028	10	90
35mm Elbow	ESP035	6	54
42mm Elbow	ESP042	4	24
54mm Elbow	ESP054	2	12
67mm Elbow	ESP067	1	6
76mm Elbow	ESP076	1	6
108mm Elbow	ESP108	1	2

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™

Stainless Press Fit Obtuse Elbow



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – 316 SS

Product	Product Code	Bag Content	Box Content
15mm Obtuse Elbow	OESP015	10	180
22mm Obtuse Elbow	OESP022	10	90
28mm Obtuse Elbow	OESP028	10	90
35mm Obtuse Elbow	OESP035	6	54
42mm Obtuse Elbow	OESP042	4	24
54mm Obtuse Elbow	OESP054	2	12
67mm Obtuse Elbow	OESP067	1	6
76mm Obtuse Elbow	OESP076	1	6
108mm Obtuse Elbow	OESP108	1	2

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™

Stainless Press Fit Street Elbow



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – 316 SS

Product	Product Code	Bag Content	Box Content
15mm Street Elbow	SESP015	10	180
22mm Street Elbow	SESP022	10	90
28mm Street Elbow	SESP028	10	90
35mm Street Elbow	SESP035	6	54
42mm Street Elbow	SESP042	4	24
54mm Street Elbow	SESP054	2	12
67mm Street Elbow	SESP067	1	6
76mm Street Elbow	SESP076	1	6
108mm Street Elbow	SESP108	1	2

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – 316 SS

Product	Product Code	Bag Content	Box Content
15mm O/ Street Elbow	OSESP015	10	360
22mm O/ Street Elbow	OSESP022	10	180
28mm O/ Street Elbow	OSESP028	10	90
35mm O/ Street Elbow	OSESP035	6	54
42mm O/ Street Elbow	OSESP042	6	36
54mm O/ Street Elbow	OSESP054	2	18
67mm O/ Street Elbow	OSESP067	1	4
76mm O/ Street Elbow	OSESP076	1	4
108mm O/ Street Elbow	OSESP108	1	2

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™

Stainless Press Fit Fitting Reducer



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – 316 SS

Product	Product Code	Bag Content	Box Content
22x15mm Fitting Reducer	FRSP022015	10	180
28x15mm Fitting Reducer	FRSP028015	10	180
28x22mm Fitting Reducer	FRSP028022	10	180
35x22mm Fitting Reducer	FRSP035022	10	90
35x28mm Fitting Reducer	FRSP035028	10	90
42x22mm Fitting Reducer	FRSP042022	10	90
42x28mm Fitting Reducer	FRSP042028	10	90
42x35mm Fitting Reducer	FRSP042035	8	72
54x35mm Fitting Reducer	FRSP054035	6	54
54x42mm Fitting Reducer	FRSP054042	6	54
67x54mm Fitting Reducer	FRSP067054	1	6
76x67mm Fitting Reducer	FRSP076067	1	6
108x76mm Fitting Reducer	FRSP108076	1	2

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk



Stainless Press Fit Equal Tee



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – 316 SS

Product	Product Code	Bag Content	Box Content
15x15x15mm Equal Tee	ETSP015	10	180
22x22x22mm Equal Tee	ETSP022	10	90
28x28x28mm Equal Tee	ETSP028	8	72
35x35x35mm Equal Tee	ETSP035	6	36
42x42x42mm Equal Tee	ETSP042	4	24
54x54x54mm Equal Tee	ETSP054	2	12
67x67x67mm Equal Tee	ETSP067	1	6
76x76x76mm Equal Tee	ETSP076	1	6
108x108x108 Equal Tee	ETSP108	1	2

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™

Stainless Press Fit Reducing Tee



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – 316 SS

Product	Product Code	Bag Content	Box Content
15x15x22mm Reducing Tee	RTSP015015022	10	90
22x22x15mm Reducing Tee	RTSP022022015	10	90
28x28x15mm Reducing Tee	RTSP028028015	10	90
28x28x22mm Reducing Tee	RTSP028028022	10	90
35x35x15mm Reducing Tee	RTSP035035015	4	24
35x35x22mm Reducing Tee	RTSP035035022	4	24
35x35x28mm Reducing Tee	RTSP035035028	4	24
42x42x22mm Reducing Tee	RTSP042042022	4	24
42x42x28mm Reducing Tee	RTSP042042028	4	24
42x42x35mm Reducing Tee	RTSP042042035	4	24
54x54x28mm Reducing Tee	RTSP054054028	2	12
54x54x35mm Reducing Tee	RTSP054054035	2	12
54x54x42mm Reducing Tee	RTSP054054042	2	12
67x67x54mm Reducing Tee	RTSP067067054	1	6
76x76x67mm Reducing Tee	RTSP076076067	1	6
108x108x76mm Reducing Tee	RTSP108108076	1	2

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™

Stainless Press Fit Female Adaptor



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – 316 SS

Product	Product Code	Bag Content	Box Content
15mm x 1/2" Female Adaptor	FASP015021	10	120
22mm x 3/4" Female Adaptor	FASP022027	10	100
28mm x 1" Female Adaptor	FASP028034	10	50
35mm x 1 1/4" Female Adaptor	FASP035042	10	24
42mm x 1 1/2" Female Adaptor	FASP042048	6	20
54mm x 2" Female Adaptor	FASP054060	4	12

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™

Stainless Press Fit Male Adaptor



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material - 316 SS

Product	Product Code	Bag Content	Box Content
15mm x 1/2" Male Adaptor	MASP015021	10	150
22mm x 3/4" Male Adaptor	MASP022027	10	80
28mm x 1" Male Adaptor	MASP028034	6	50
35mm x 1 1/4" Male Adaptor	MASP035042	4	24
42mm x 1 1/2" Male Adaptor	MASP042048	4	20
54mm x 2" Male Adaptor	MASP054060	2	12

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™

Stainless Press Fit Male Elbow



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – 316 SS

Product	Product Code	Grams	Bag Content	Box Content
15mm x 1/2" Male Elbow	MESP015021	55	10	180
22mm x 3/4" Male Elbow	MESP022027	100	10	90
28mm x 1" Male Elbow	MESP028034	157	10	90

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™

Stainless Press Fit Female Elbow



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material - 316 SS

Product	Product Code	Bag Content	Box Content
15mm x 1/2" Female Elbow	FESP015021	10	180
22mm x 3/4" Female Elbow	FESP022027	10	90
28mm x 1" Female Elbow	FESP028034	10	90

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™

Stainless Press Fit Female Tee



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – 316 SS

Product	Product Code	Bag Content	Box Content
15mm x 15mm x 1/2" Female Tee	FTSP015	10	180
22mm x 22mm x 1/2" Female Tee	FTSP022	10	90
28mm x 28mm x 1/2" Female Tee	FTSP028	8	72
35mm x 35mm x 1/2" Female Tee	FTSP035	6	36
42mm x 42mm x 1/2" Female Tee	FTSP042	4	24

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™

Stainless Press Fit Tap Connector



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – Brass CW511L/ 316 SS

Product	Product Code	Bag Content	Box Content
15mm x 1/2" Tap Connector	TCSP015021	10	120
15mm x 3/4" Tap Connector	TCSP015027	10	100

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™

Stainless Press Fit Male Union



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – Brass CW511L/ 316 SS

Product	Product Code	Bag Content	Box Content
15mm x 1/2" Male Union	MUSP015021	10	180
22mm x 3/4" Male Union	MUSP022027	10	90
28mm x 1" Male Union	MUSP028034	10	90

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



www.rapidpress.co.uk

RapidPress™



Connection type – M Profile / M Press

Rubber Seal - Black EPDM

Material – Brass CW511L/ 316 SS

Product	Product Code	Bag Content	Box Content
15mm x 1/2" Female Union	FUSP015021	10	180
22mm x 3/4" Female Union	FUSP022027	10	90
28mm x 1" Female Union	FUSP028034	10	90

Operating Pressure	Operating Temperature
16bar	-25°C to +125°C



Rapid Press Fittings Ltd have access to a wider range of products at market leading prices.

Make sure you ask your Sales Manager for pricing and further information

Press Fit Lever Ball Valves – WRAS Approved 2110147
Range - 15mm- 54mm
Temperature - -10°C - +99°C
Working Pressure - 16Bar



Screwed Axial Bellows – WRAS Approved 250604705
Range - 15mm – 54mm (+/- 25mm & +/- 50mm mvt)
Temperature – 100°C
Working Pressure - 10Bar



Mineral Wool Pipe Supports
Range - 15mm – 450mm
Temperature - 250°C
Lengths - 80mm or 100mm

ROCKTHERM™



Don't forget your clip to suit!

Unlined Pipe Clamps
Range - 3/8" – 6"
(larger sizes available with our Split Band/ Bow Nut offering)
Boss - Dual M8/M10
Finish - Zinc

SUREFIX



Threaded connections on your pipework?

50m / 160m Pipe Sealing Cord – WRAS Approved 2312530
50ml / 250ml Blue Thread Locker – WRAS Approved 2305564
12m PTFE Tape – WRAS Approved 2309547
5m Gas PTFE Tape

TRU TITE™





*Rapid Press Fittings Ltd
2 Penrod Way
Heysham
LA3 2UZ*

www.rapidpress.co.uk

RapidPress™