Quickfit™

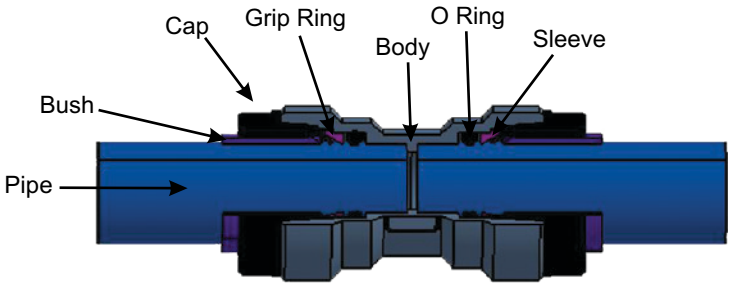
Metal Modular Push Fit Piping For Stainless Steel, Carbon Steel Aluminium

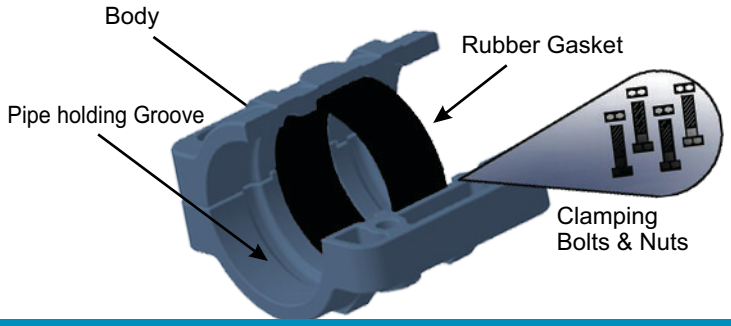
Quickair™

TYPICAL APPLICATIONS

Quickfit™ Stainless Steel	Quickfit™ Carbon Steel	Quickair™ Metal Aluminium
➢ Where water quality and hygiene are issues ➢ Hot and cold water services ➢ Heating and chilled water applications ➢ Low temperature hot water heating ➢ Pressurized, vented and unvented heating systems ➢ Food, Pharmaceutical & Chemicals ➢ Gases	➢ Hot and cold water services ➢ Heating applications ➢ Low temperature hot water heating ➢ Pressurized, vented and unvented heating systems ➢ Oil, Steam, Power, Pulp, Refinery ➢ Gases	➢ Plant air ➢ Inert Gas distribution ➢ Manufacturing hand tool operation ➢ Manual and automated welding operations ➢ Semi-conductor tool hook up ➢ Valve actuation-control systems ➢ Robotic installations

Cut, Clean, Mark it, Push Connect !





TECHNICAL SPECIFICATION

	Quickfit™ Stainless Steel	Quickfit™ Corbon Steel	Quickair™ Metal Aluminium
Material of Construction (body)	CF / CF8M	WCB	Aluminium
O ring & Lip gasket material	HNBR / EPDM / VITON	HNBR / EPDM / VITON	HNBR / EPDM / VITON
Grab ring	Stainless Steel	Stainless Steel	Stainless Steel
Fitting body surface treatment	Electro Polished	Black / galvanized	Powder coated / anodized
End Plug	CF8 / CF8M / Engineering Plastic	WCB / Engineering Plastic	Aluminium / Engineering Plastic
Suitable tubes	Stainless steel	MS / GI	Aluminium
Pressure	Up to 20 Bar	Up to 20 Bar	Up to 20 Bar
Temperature	Up to 200°C	Up to 200°C	Up to 200°C
Size	20, 25, 32, 40, 50, 63mm 3", 4", 6", 8"	20, 25, 32, 40, 50, 63mm 3", 4", 6", 8"	20, 25, 32, 40, 50, 63mm 3", 4", 6", 8"
Manufacturing Standard	ASME B31-1	ASME B31-1	ASME B31-1
Pipe Standard	EN-10312, GW541, Table 4.3, BS4127	EN-10305-3, BS4127	IS2763, IS3965, EN-755-2

SELECTION CHART

Select the Quickair™ diameter for your application based on required flow and pressure drop Values are for a pressure of 8 bar less than 2.5% pressure drop.

Flow Rate			Length									
			164 ft	328 ft	429 ft	984 ft	1640 ft	2460 ft	3280 ft	4265 ft	5249 ft	6561 ft
Nm^3/ Hr	Nl/ min	cfm	50 m	100 m	150 m	300 m	500 m	750 m	1000 m	1300 m	1600 m	2000 m
10	167	6	16	16	16	20	20	20	20	25	25	25
30	500	18	16	20	20	25	25	25	25	25	25	32
50	833	29	20	25	25	25	25	25	25	32	32	32
70	1167	49	20	25	25	25	32	32	40	40	40	50
100	1667	59	25	25	32	32	32	40	40	50	50	63
150	2500	88	32	32	32	32	40	50	50	63	63	80
250	4167	147	32	32	40	40	50	50	63	63	80	80
350	5883	206	32	40	40	50	50	63	63	63	80	80
500	8333	294	40	50	50	50	50	63	63	80	80	80
750	12500	441	50	50	50	50	50	63	80	80	80	80
1000	16667	589	50	50	50	50	63	80	80	80	80	80
1500	25000	883	50	50	63	63	63	80	80	80	80	80
2000	29167	1030	50	50	63	63	80	80	80	80	80	80
3000	50000	1766	50	63	63	80	80	100	100	150	150	150
3500	58332	2060	80	80	100	100	150	150	150	150	150	150
4000	66657	2354	80	100	100	100	150	150	150	150	150	150
4500	74983	2648	80	100	100	150	150	150	150	150	150	150
5000	83308	2942	80	100	100	150	150	150	150	150	150	150
5500	91661	3237	100	100	100	150	150	150	150	150	150	150
6000	99986	3531	100	100	150	150	150	150	150	150	150	150
6500	108311	3825	150	150	150	150	150	150	150	150	150	200
7000	119978	4237	150	150	200	150	150	150	150	200	200	200
8000	133315	4708	200	200	200	200	200	200	200	200	200	200

PRESSURE DROP CALCULATOR

For calculation

Pressure Drop

Pipe Length. L _____ mtrs

Pipe Dia. D _____ mm

Free Air Flow Rate _____ *cfm

Pipeline Pressure _____ bar

TOTAL =

CALCULATE CLEAR