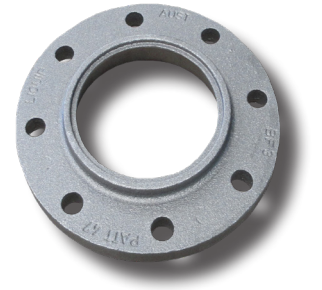


BFX Series TTMA Flanges Datasheet

Liquip offer a complete range of weld flanges for pipe and tube to suit 3" and 4" TTMA fittings.

Flanges provide the ability to make a removable connection between two points. Liquip's weld flanges are designed for use on cargo tanks with bolt-hole patterns in accordance with TTMA recommended practices.

Flange performance is dependent on proper weld procedures with an achievable MAWP of **75 psi [5.2 bar] for steel and stainless and 50 psi [3.4 bar] for aluminum.**



BFX 3" TTMA Flange shown

Key Features

- Range of materials available including: aluminium, mild steel and stainless steel.
- Flanges supplied in 3" or 4" TTMA (8 bolt hold pattern).

Ordering and Technical Information

Size	Material	Item Number	Bolted Thickness	Thickness incl. Weld Flange	Weight	O.D	I.D	PCD	# of Holes	Hole dia.
3"	Alum	BF3	12.5	19.5	0.38	146	76.5	124	8	11
	MS	BF3-1	11.5	11.5	0.86	143	80.5	124.5	8	11.25
	SS304	BF3-1S	11.5	11.5	0.92	143	80.5	124.5	8	11.25
	SS316	BF3-1S-316	11.5	11.5	0.92	143	80.5	124.5	8	11.25
4"	Alum	BF4	12.85	22.5	0.52	170	97.5	150	8	11
	MS	BF4-1	11	11	1.01	168.3	111.5	149	8	11.25
	SS316	BF4-1S-316	11	11	1.07	168.3	111.5	149	8	11.25

Dimensions = mm

Weights = kg

Associated Equipment

Item	Description
0656	Neo Cork Gasket to suit 3" TTMA Flange.
0656V	3mm Viton A Gasket to suit 3" TTMA flange.
0657	Neo Cork Gasket to suit 4" TTMA Flange.
0657V	3mm Viton A Gasket to suit 4" TTMA flange.
0657DMV	1.6mm Viton A Gasket to suit 4" TTMA flange.
LBV Series	3" or 4" butterfly valves.
API490 series	API Load/Unload Valves.
DM104	Discharge Manifold with open/closed indicator.
BFX-SG-xx	3" pr 4" TTMA Sightglasses