

BIMETALLIC FLANGES, SERIES-EBMF25 SIZES: DN10-DN250

Bimetallic flanges are used in water, gas and sanitary applications for connecting copper tubes. They prevent accelerated corrosion and deterioration in the piping system due to galvanic and stray current.

FEATURES

- Bimetallic flange- a composite of 3 pieces; consists Carbon Steel ASTM A105 Forged Backing Flange epoxy coated, brass insert and ABS sleeve.
- Backing flange BS EN 1092-1 PN25.
- Brass Insert is suitable for brazing copper tube to BS EN 1057.
- ABS sleeve is a thermoplastic polymer separates the two pieces (Backing flange & Brass insert) preventing an electric current from passing.

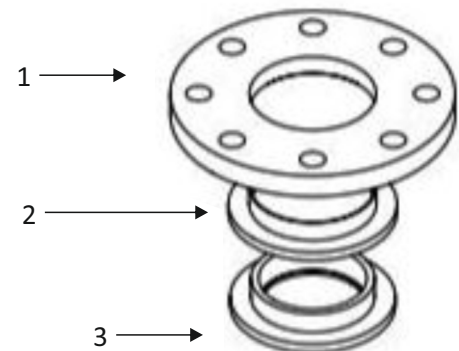


PRESSURE & TEMPERATURE

- Max. Working Pressure: 363 psi (25 bar)
- Max. Working Temperature: 120°C (248°F)

MATERIALS

NO.	PART	MATERIAL
1	Backing Flange	CS ASTM A105 Epoxy Coated
2	Sleeve	ABS
3	Insert*	Brass C37700



*Insert (Brazing) – Standard

Insert (Female BSPT/ NPT Threaded) – Optional

Nominal Size (DN)	Copper Tube OD to suit BS EN 1057	No. of Holes	Bolt Hole Diameter (mm)	Bolt Size	Bolt Circle Diameter (mm)	Flange OD (mm)
DN15	15	4	14	M12	65	95
DN20	22	4	14	M12	75	105
DN25	28	4	14	M12	85	115
DN32	35	4	18	M16	100	140
DN40	42	4	18	M16	110	150
DN50	54	4	18	M16	125	165
DN65	67	4	18	M16	145	185
DN80	76,1	8	18	M16	160	200
DN100	108	8	22	M20	190	235
DN125	133	8	26	M24	220	270
DN150	159	8	26	M24	250	300

