PROSEEL

A Quality Product Of Tat Lee Engineering

REINFORCED METALLIC GASKETS

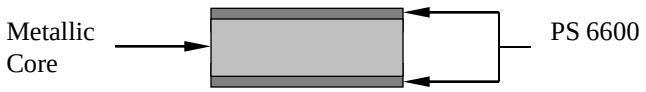
PS 102 & **PS 6632** is a rigid laminated graphite gasket consisting of graphite layers bonded to each face of a solid metallic core by a high temperature / chemical resistant synthetic bonding agent.

Whilst the solid metallic steel core provides high gasket blow-out strength and rigidity, the soft graphite facings provide an exceptional gasket seal. It is the PS 102 & PS 6632's ability to flow easily into the flange faces that allows for this high integrity seal, even under low applied seating stresses.

The metallic core material is selected to suit the applications design conditions and the media to be sealed. A wide range of metallic core materials are available, Core thickness is selected dependent upon gasket diameter or on special considerations concerning the applications flange arrangement. Standard metallic core material is either grade 304 or 316 stainless steel.

PS 571

PS 6632



Suitable up to pressure Class 900, the reinforced metallic gasket is widely used in the chemical and petrochemical environment, where a high temperature/corrosion resistant, high integrity joint is required, reinforced metallic gasket is mainly utilised on special type assemblies and can be produced in any shapes such as circular, rectangular or intricate pass bar arrangements.

The reinforced metallic gasket is predominantly utilised on heat exchanger applications, primarily replacing the C.A.F., Double Jacketed and Soft Iron gaskets where an improved sealing performance is required. Multi pass bar arrangements can be simply produced by laser, whilst the graphite coatings can be cut to suit.

Where there is insufficient space to install a conventional spiral wound gasket in an exchanger, or insufficient load is available to seat it, the reinforced metallic gasket is suitable for narrow flange width, making it ideal for Floating Head arrangements in exchangers, where seating width and bolting are often restricted.

General thickness of core for heat exchanger applications is 3mm. (1/8")