

8. METAL EYELETED FLAT GASKETS

PROPERTIES AND APPLICATION

The TESNILA metal eyeleted flat gaskets are for special protection against blowout for the sealing of critical or dangerous media. The sealing insert is usually made from TESNIT BA or Grafilit gasket material. The standard metal jacket is formed with an austenitic stainless steel leaf with a thickness 0.15-0.2 mm U-shaped and pressed in such a way that it becomes a single body with a base seal. The good malleability grade of the austenitic stainless steel gives to the covering excellent mechanical properties and good resistance to erosion, while the well known resistance to heat and to corrosion ensures the long working life of the seal.

ADVANTAGES:

- Blow out protection
- Protection against chemical attack
- Improved sealability due to the local higher stress under eyelet.

SHAPE AND CONSTRUCTION-CUSTOM MADE GASKETS

Gaskets are available in EN 1514-1, ANSI B 16.21, other Standard Forms, or as custom made gaskets.

SIZE

The only limitation of the eyeleted gasket is the size of the basic gasket material.

Size limitations:

From 20 mm to 400 mm one piece eyelet

From 400 mm upwards plasma welded eyelet

The standard production follows the sizes and norms by ANSI B16-21, EN 1514-1 (DIN2690).

GASKET ORDERING EXAMPLE

EN 1514-1 (former DIN 2690), DN 65, PN 16, Form RF, material TESNIT BA-U, 2 mm, eyelet AISI 316

