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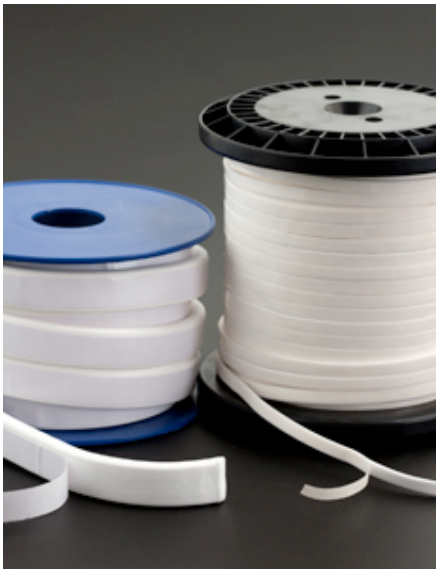
PTFE

Expanded PTFE



Manufactured from 100% PTFE and developed through a specific treatment on the fluorocarbon in PTFE, it is supplied as rectangular profiles with adhesive backing (for ease of placement) and sheets. It obtains a high tensile stress, flexibility, low hardness, chemical and thermal resistance, making it an excellent material for sealing gaskets in extreme working conditions.

Advantages of using expanded PTFE

Save time:
Expanded PTFE is easy to mount, auto-adhesive, easy to cut excess or trim edges, non-adherent so there is no need of scraping during maintenance, absorbs surface irregularities, highly compressible.

Long lasting:
100% PTFE, resists compression flow and has no tear, no effort needed during mounting, resists up to 210 Kg/cm^2 pressure, temperatures from -265 ºC to +315 ºC, practically inert to all corrosive chemicals, no expiry date, does not contaminate.

Savings:
with expanded PTFE there is no waste, no time lost cutting gaskets, no maintenance once installed, no need of large stocks, no space occupied, ecellent performance, ever lasting.

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Applications:
seals for smoke and gas ducts, lids and manholes, glass installations in fine chemical industry, heat exchangers, fibreglass reinforced tanks, pumps, vapour, entry lids, ceramics, hydraulic, pneumatic and water systems, etc.

Assembly: Expanded PTFE is smooth, malleable and flexible with an adhesive backing for easier mounting on vertical surfaces.

- Clean the rim, removing all impurities of the surface where you are going to apply it.
- Remove the protecting paper from the adhesive backing and position the profile in the middle of the seal surface making a flat gasket shape.
- Overlap the profile near a bolt hole by 1 to 2 cm in the same direction as the bolting sense.
- Bolt up the surfaces, the compressed profile width is equal to 1.5 times its original width. In glass installations do nos overlap the profile, as the glass might break during compression.

We have different size expanded PTFE sheets in 1.5, 2 and 3 mm thickness and a wide range of expanded PTFE profiles in stock.