



Nexus Pump and Valve Packing

DATA SHEET



Nexus Style 4300 Joint Sealant

Description

Style 4300 packing is an Expanded PTFE Joint Sealant. Soft in texture with an adhesive backing, this product is useful in odd shape applications and hard-to-get-to flanges. The product is highly fibrillated, making it dimensionally strong, creep resistant and resistant to cold flow, unlike standard PTFE sheet gaskets.

Construction

Style 4300 is an Expanded PTFE, made from 100% virgin PTFE that has been expanded into a highly compressible product.

Application

Style 4300 is ideally suited for all flanges, especially irregular shaped and fragile flanges. PTFE has become the industry standard for harsh Acidic or Alkaline applications due to the ability to withstand the attack. Style 4300 has the advantage that it is non-contaminating and as such can also be used in applications where there is sensitivity to product contamination. Style 4300 easily replaces a wide range of specifically manufactured gaskets due to the ease of use in odd shaped environments.

Specification

<u>Item</u>	<u>Unit</u>	<u>Magnitude</u>
Applicable Temperature	°C	-100 ~ +280
pH	pH	0 - 14
Tensile strength	MPa	≥ 8.0
Volatility	%	≤ 1.0
Hardness	HA	30 ~ 70
Density	g/cm ³	0.5 ~ 0.8
Creep Relaxation	%	≤ 40
Pressure	bar	210
Minimum Bolting Pressure (3mm ~ 25mm)	MPa	8 ~ 20