



Nexus Pump and Valve Packing

DATA SHEET

Nexus Style 8300 Sealing Cord

Description

Style 8300 is an Expanded PTFE Sealing Cord. Soft in texture, this product is useful in odd shape applications and hard-to-get-to flanges where a round cord is required. Style 8300 is similar to the Nexus 4333 product. The product is highly fibrillated, making it dimensionally strong, creep resistant and resistant to cold flow, unlike standard PTFE sheet gaskets.

Construction

Style 8300 is an Expanded PTFE, made from 100% virgin PTFE that has been expanded into a highly compressible product.

Application

Style 8300 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 8300 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 8300 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	200
Minimum Bolting Pressure (3mm ~ 25mm)	MPa	8 ~ 20