



Nexus Pump and Valve Packing

DATA SHEET



Nexus Style 3305 Packing

Description

Style 3305 packing is an Expanded PTFE braided packing with mineral oil lubricant. This dense and resilient product has the ability to withstand extreme chemical attack. The high tensile strength of this product, together with resistance to hardening, has proven that it will consistently outlast the valve it was installed in, when used in block valves. Style 3305 is a variation of the commonly used Pure PTFE non lubricated packing. Mineral oil lubricant aids with handling high speed start-up friction which extends the life of the packing and increases the surface speed limit.

Construction

Style 3305 is a braided packing constructed of Expanded PTFE yarns which have been inter-braided into a dense, but flexible product. There is an addition of mineral oil as a start-up lubricant that will not contaminate the pumped fluid if it migrates out of this product.

Application

Style 3305 is ideally suited for both pump and valve applications. PTFE has become the industry standard for harsh Acidic or Alkaline applications due to the ability to withstand the attack. Style 3305 is non-contaminating and as such can also be used in applications where there is sensitivity to product contamination.

Size and Weight

Style 3305 Packing									
mm	4	5	6	7	8	10	11	12	13
inch	5/32	3/16	1/4		5/16	3/8	7/16	1/2	
m/kg	36.8	23.5	16.3	12	9.2	5.9	4.9	4.1	3.5
mm	15	16	18	19	20	22	24	25	
Inch		5/8	11/16	3/4	13/16	7/8	15/16	1	
m/kg	2.7	2.4	1.9	1.7	1.5	1.3	1.1	1	

Specification

<u>Item</u>	<u>Unit</u>	<u>Magnitude</u>	
Dimensional Deviation	mm	Axial Radial	0.00 ~ +0.50 0.00 ~ -0.50
Working Temperature	°C	-200 ~ +280	
Pressure	bar	15 150	Rotary (Pumps) Stationary (Valves)
Surface Speed	m/sec	10	
pH	pH	0 - 14	
Base Yarn		Expanded PTFE Yarn	
Lubrication		Mineral Oil	