



# Nexus Pump and Valve Packing

## DATA SHEET

### Nexus Style 963S Packing



#### Description

Style 963S packing is a non-Asbestos packing that has been formulated especially for the replacement of Asbestos in harsh environments. Style 963S packing is a multi-purpose packing that is most commonly used in pumps. This flexible, yet extremely tough packing works well in the harshest of applications. The product has the ability to remain soft and pliable despite very rigorous environments. The inclusion of a Silicon Rubber core increases the memory capability of the packing that especially useful for shaft run out.

#### Construction

Style 963S is a braided packing constructed of Imported Aramid Fibre, with a Silicon Rubber core, that has been braided with a small amount of PTFE lubricant that serves as blocking agent as well as a running in lubricant. Aramid fibre has the tendency to damage pump shafts, thus the need for the PTFE lubrication.

#### Application

This product is ideally suited for both reciprocating and rotary pump applications; however, it performs well in general purpose valves as well. This product is used as a general purpose packing in water, slurry, mild acids and mild alkalis. The tough nature of the Aramid Fibre allows this packing to be used in difficult applications and especially suited for applications with shaft run out

#### Size and Weight

Style 963S Packing										
mm	3	4	5	6	7	8	10	11	12	13
inch	1/8	5/32	3/16	1/4		5/16	3/8	7/16	1/2	
m/kg	60	37	24	15	12	9.3	6	4.86	3.8	3.48
mm	14	15	16	18	19	20	22	24	25	
Inch	9/16		5/8	11/16	3/4	13/16	7/8	15/16	1	
m/kg	2.95	2.6	2.3	1.8	1.61	1.42	1.2	1.03	0.92	

#### 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	-50 ~ +250	
Pressure	bar	25 150	Rotary (Pumps) Stationary (Valves)
Surface Speed	m/sec	12	
pH	pH	2 - 12	
Base Yarn		Aramid Fibre and Silicon Rubber	
Lubrication		PTFE	