



# Nexus Pump and Valve Packing

## DATA SHEET

### **Nexus Style 3701 Packing**



#### Description

Style 3701 packing is a non-Asbestos packing that has been formulated for use as an economical seal in most common applications. This product is most widely known as an economical alternative for use in the environment where Asbestos was commonly used.

#### Construction

Style 3701 is a braided packing constructed of Cotton Yarn that has been braided with a special Graphite lubricant mixture. The lubricant permeates the packing completely ensuring lubrication through the life of the product.

#### Application

This product is ideally suited for pump applications, but has been used in valves too. It has proven especially useful for use in the water and slurry industries, where an economical solution is required due to the nature of the environment. This product was never intended to work in chemically difficult applications or in high temperature applications, it is thus advisable to use this product only for the general purpose applications on site.

#### Size and Weight

Style 3701 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	75	44	30	19	14	11.5	7.5	6	5	4.3
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	3.7	3.3	2.9	2.3	2.1	1.8	1.55	1.33	1.2	

#### 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	-40 ~ +120	
Pressure	bar	15 50	Rotary (Pumps) Stationary (Valves)
Surface Speed	m/sec	10	
pH	pH	4 - 8	
Base Yarn		Cotton Yarn	
Lubrication		Graphite	