



# Nexus Pump and Valve Packing

## DATA SHEET



### Nexus Style 2503 Packing

#### Description

Style 2503 packing is a non-Asbestos packing that has been formulated especially for the replacement of Asbestos. Where other non-Asbestos products tend to lose lubrication during operation, this Acrylic Yarn packing has the ability to retain the lubrication. Style 2503 packing is a multi-purpose packing that is most commonly used in pumps. This flexible, yet tough packing works well in most general applications. The product has the ability to remain soft and pliable despite rigorous environments.

#### Construction

Style 2503 is a braided packing constructed of white Acrylic Yarn that has been braided with a liberal amount of PTFE lubricant and mineral oil.

#### Application

This product is ideally suited for 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 acrylic yarn allows this packing to be used in difficult applications without fear of severe shaft damage.

#### Size and Weight

Style 2503 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	70	40	31	18	14	11	7	6	4.5	4
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	3.5	3.2	2.8	2.2	1.9	1.7	1.4	1.2	1.1	

#### Specification

<u>Item</u>	<u>Unit</u>	<u>Magnitude</u>	
Dimensional Deviation	mm	Axial	0.00 ~ +0.50
		Radial	0.00 ~ -0.50
Working Temperature	°C	-40 ~ +260	
Pressure	bar	20	Rotary (Pumps)
		110	Stationary (Valves)
Surface Speed	m/sec	10	
pH	pH	2 - 12	
Base Yarn		White Acrylic Yarn	
Lubrication		PTFE and Oil	