



# Nexus Pump and Valve Packing

## DATA SHEET

### **Nexus Style 2402 Packing**

#### **Description**

Style 2402 packing is a Multi-filament PTFE packing. 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. Furthermore, the materials used in this product comply with the FDA requirements set out for minimal food contact as well as incidental food contact.

#### **Construction**

Style 2402 is a braided packing constructed of Multi-filament PTFE yarns which have been inter-braided into a dense, but flexible product. Style 2402 that has been braided using Multi-filament PTFE yarns and lubricants that are acceptable for incidental food contact.

#### **Application**

Style 2402 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 2402 has the advantage that it is non-contaminating and as such can also be used in applications where there is sensitivity to product contamination such as the Medical, Petrochemical, Oxygen, and Food production industries.

#### **Size and Weight**

Style 2402 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	28.1	19.5	15	11	6.5	5.6	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	2.5	2	1.8	1.6	1.4	1.3	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	-200 ~ +280	
Pressure	bar	20 250	Rotary (Pumps) Stationary (Valves)
Surface Speed	m/sec	14	
pH	pH	0 - 14	
Base Yarn		Multi-filament PTFE Yarn	
Lubrication		Mineral oil	