



Nexus Pump and Valve Packing

DATA SHEET



Nexus Style 8901 Packing

Description

Style 8901 Mouldable Gland Sealant is a multi-purpose soft packing that is most commonly used to replace Braided Gland Packing in pumps. The lubricants used in Style 8901 Mouldable Gland Packing also have specialized characteristics such as high dropping point (200 °C), low friction, chemical resistance, and high speed.

Construction

Style 8901 Mouldable Gland Packing is a homogeneous combination of selected lubricants and fibres that have been bound together through a special process of mixing the different ingredients at different times and temperatures. Combined together in predetermined proportions, all these ingredients result in a “putty-like” substance. The additives combine to reduce friction and resist chemical attack. The graphite coated lead beads improve high-speed function and add stability.

Application

Style 8901 is ideally suited for pump applications; however, it performs well in general purpose valves as well, in water, light slurry and sewage water. Shaft vibrations and oscillations leave a leak-path past braided packings which become hard and lifeless due to frictional heat (exothermic burning) and continuous beating by the shaft. Moldable Gland Sealant remains pliable and therefore follows the movements of the shaft relative to the stuffing box and can even function on worn shafts.

Specification

<u>Item</u>	<u>Unit</u>	<u>Magnitude</u>	
Working Temperature	°C	160	
Pressure	bar	12	Rotary (Pumps)
Surface Speed	m/sec	10	
pH	pH	2 - 12	
Base Yarn		Natural & Synthetic Yarns	
Additional Materials		Graphite Coated Lead Balls	
Lubrication	Mica, Graphite, Molybdenum, P.T.F.E and vermiculite		