



Nexus Pump and Valve Packing



DATA SHEET

Nexus Style 8201 Mouldable Gland Sealant

Description

Style 8201 Mouldable Gland Sealant is a High Temperature soft packing that is high in fibre content and most commonly used to replace Braided Gland Packing in pumps and valves. The lubricants used in Style 8201 Mouldable Gland Sealant have characteristics that enhance the ability of the product to function at high temperatures, with low friction, increased chemical resistance, and high shaft speeds.

Construction

Style 8201 Mouldable Gland Sealant is a homogeneous combination of special Lubricants and Fibres. Combined together in predetermined proportions these ingredients result in a “putty-like” substance that is black in colour. The additives, with high temperature capability, all combine to reduce friction and resist chemical attack, while binding the fibres together to offer increased pressure capabilities.

Application

Style 8201 is a “single-size-product” ideally suited for pump applications; however, it performs well in valves as well. The beauty of the product has to be the fact that different sizes are not required to do the job. Style 8201 works best in aqueous solutions, even where there are impurities present, such as slurry and sewage. 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. Mouldable 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	280	
Pressure	bar	20	Rotary (Pumps)
Surface Speed	m/sec	20	
pH	pH	1 - 14	
Base Yarn		Aramid and Carbon Yarn	
Lubrication		Special combination of Fluxin and Graphite with high temperature additives.	