



Nexus Pump and Valve Packing

DATA SHEET

Nexus Style 930S Packing

Description

930S is a gas-tight Tank Lid Seal that prevents seawater from causing damage to the cargo. The nature of the equipment requires regular opening and closing, which 930S is capable of handling. Due to the construction, this material is able to seal both smooth and rough surfaces and it is not affected by the cleaning mediums used to clean the equipment. 930S is pressure tight in accordance to Lloyd's and DNV test criteria. It also meets the US Coast Guard requirements for lid sealing of hazardous cargoes.

Construction

930S Tank Lid Seal is a rubber core wrapped with PTFE tape and surrounded by multiple layers of braided jackets of polypropylene yarn. This braided structure is then spirally wrapped with further layers of PTFE tape to provide a tight barrier to both liquids and gases. It is then finally enclosed with a very strong abrasion resistant layer of PTFE to complete the process.

Application

930S is used in all International Maritime Organisation (IMO) classes. It is specifically designed for sealing tank lids, main hatches, inspection and cleaning covers on tankers. As the products that need to be sealed can be very aggressive chemicals, the packing has to be constructed of material that will handle a very wide spectrum of products.

Specification

<u>Item</u>	<u>Unit</u>	<u>Magnitude</u>	
Dimensional Deviation	mm	<30 0.00 ~ +2.0	<60 0.00 ~ +4.0
Size	mm	20 ~ 60	
Working Temperature	°C	-50 ~ +150	
Ignition Loss (250 °C)	%	≤ 3.0	
Tank Pressure	kPa	70	
pH	pH	0 - 14	
Base Yarn		PTFE Yarn with Elastomeric Core	
Hot oil content	%	5 ~ 10	