



Nexus Pump and Valve Packing

DATA SHEET



Nexus Style 2169 Packing

Description

Style 2169 packing is a combination packing that has been formulated especially for the use in steam valves. Not only does it have the ability to withstand the high pressures and high temperatures experienced in steam valves, but it also addresses the fact that steam is so difficult to seal.

Construction

Style 2169 is a combination braided packing constructed of a tightly braided Graphite core and a braided Inconel Wire reinforced Glass Fibre jacket that has been impregnated with a special mixture of graphite lubricants.

Application

This product is used mostly in steam valves, but has proven a wonderful seal in expansion joints, static door seals, sootblowers etc.

Size and Weight

Style 2169 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	90	50	32	23	17	13	8.3	7	5.8	4.9
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	4.5	4	3.5	2.7	2.5	2.2	1.9	1.7	1.5	

Specification

<u>Item</u>	<u>Unit</u>	<u>Magnitude</u>
Dimensional Deviation	mm	Axial 0.00 ~ +0.50 Radial 0.00 ~ -0.50
Carbon Content in Graphite	%	>98
Ash Content in Graphite	%	<1.5
Volumetric Density	g/cm ³	1.0 ~ 1.3
Compressibility	%	25 ~ 35
Resilient Rate	%	>10
Working Temperature	°C	-240 ~ +450 (Oxidising) -240 ~ +650 (Non-oxidising)
Pressure	bar	350 Stationary (Valves)
Shaft Speed		Static only
pH	pH	3 - 11
Base Yarn		Reinforced Glass
Lubrication		Graphite