



Description

Style 2120 packing is a combination of Expanded Graphite and Carbonised Yarn. The benefit of Expanded Graphite packing is enhanced by the tensile strength of Carbonised Yarn corners. This combination retains the heat dissipation qualities of Expanded Graphite, as well as the low friction, good sealing ability, high chemical resistance and high compressibility properties of Expanded Graphite. The inclusion of Carbonised Yarn in the corners adds tensile strength to the product allowing an increased pressure capability and extrusion resistance.

Construction

Style 2120 is a braided packing constructed of Expanded Graphite fibre tape that has been formed into a yarn, with Carbonised Yarn in the corners and body of the packing.

Application

This product is ideally suited for both pump and valve applications. It has proven itself as a single spool solution to the Petrochemical, Pulp and Paper and Power Generation industries. 2120 is especially useful in difficult to seal environments such as hydrocarbons, pulp, white and green liquor, steam and slurry.

Size & Weight - Style 2120 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

Item	UoM	Magnitude	
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 ~ 45	
Resilient Rate	%	>15	
Working Temperature	°C	-100 ~ +450	
Pressure	bar	Rotary (Pumps)	25
		Stationary (Valves)	275
pH	pH	2 - 12	
Base Material	-	Expanded Graphite Tape	
Reinforcement	-	Carbonised Yarn	
Lubrication	-	None	