



SPECIFICATION DATA SHEET

S-309

Non Asbestos Cellulose Gasket Material

Description

S-309 is a Cellulose fiber gasket material with SBR binder. It is a suitable replacement for asbestos fibre gasket materials, saturated paper and is used in many Oil & Coolant applications in the market. This material is an economical alternative for soft gasket applications like Oil/Fuel/Water areas, Carburetors, Gearboxes, Oil Pans, Material Handling Equipment, Chemical Pumps & pipe Lines, Diesel Engines etc. Max operating temperature upto 150°C. Available in Blue colour.

S.NO.	PROPERTY		SPECIFICATIONS	TEST METHOD
1.	DENSITY	gm/cc	0.90-1.05	ASTM F-1315
2.	COMPRESSIBILITY	%	15-25	ASTM F-36
	AT 70 kg/cm ² (1000 psi)			
3.	RECOVERY	%	35 (min)	ASTM F-36
4.	TENSILE STRENGTH	kg/cm ²	100	ASTM F-152
5.	FLUID RESISTANCE			
	ASTM OIL NO 3		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	45 (max)	
	ASTM FUEL B		-----	ASTM F-146
	THICKNESS INCREASE	%	10 (max)	
	WEIGHT INCREASE	%	45 (max)	
	DISTILLED WATER		-----	ASTM F-146
	THICKNESS INCREASE	%	30 (max)	
	WEIGHT INCREASE	%	60 (max)	
6.	BINDER TYPE		Styrene Butadiene	

Remarks & Related Data

Specification values determined by test methods required for ASTM F-104, TYPE 3 MATERIALS

Availability

Roll Width : 1200mm
Roll Weight : 50 - 250 kg
Thickness Range : 0.30mm - 1.50mm
Core Size : 75mm

Other special sizes available on request. Anti stick coating on request.

Aeroflex Sealing Material Mfg. Co.

(An ISO 9001-2015 Certified Company)

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