

DURASILE

SG-8290N

Technical Datasheet

Material Type	: ASBESTOS FREE SOFT GASKET MATERIAL.
Material Composition	: Mix of reinforced fibers with high rubber contents. Binder : Nitrile Butadiene
Application	: It is a flexible material with high recovery property and can be used for soft gasket applications like oil/fuel/water pumps, carburetors, gearboxes, oil pans etc.
Max. Operating Temperature	: 180 °C
Compliance	: ASTM F 104 Type 7

Availability of Sheets (In Rolls) :-

Roll Width	: 1000mm ± 20mm
Roll Weight	: 50 Kg
Thickness	: 0.40mm to 1.50 mm

(The following Information Applies to DURASILE SG-8290 Material.)

S No.	Typical Properties	Test Method	Specified Value	Unit
1	Density	ASTM F 1315	1.20 (Min.)	g/cm ³
2	Compressibility at 350 kg/cm ²	ASTM F 36 J	15 – 30	%
3	Recovery (Min.)	ASTM F 36 J	35	%
4	Tensile Strength (Min.)	ASTM F 152	110	kg/cm ²
5	Fluid Absorption			
	(A) In ASTM Oil No. 3 (5h, 150 °C)	ASTM F 146		
	Increase in Mass		≤ 40	%
	Increase in Thickness		≤ 20	%
	(B) In Fuel B (5h, 21 to 30 °C)	ASTM F 146		
	Increase in Mass		≤ 40	%
	Increase in Thickness		≤ 20	%
	(C) In Distilled Water (5h, 21 to 30 °C)	ASTM F 146		
	Increase in Mass		≤ 40	%
	Increase in Thickness		≤ 20	%

*Thickness & Size Tolerance: ± 5%

NOTE: All information and recommendations given in this brochure are correct to the best of our knowledge. Since conditions of use are beyond our control. The information provided can only serve as a guideline. Users must satisfy themselves that products are suitable for the intended process and uses. We reserve the right to change product design and properties without notice.