

Technical Data Sheet



HILITE

An ISO/TS 16949:2009, ISO 14001 : 2004, OHSAS 18001: 2007 Certified Company

HILITE 75 LOW DENSITY GASKET MATERIAL

General properties and application :

HILITE 75 : It is a low density fiber gasket material with nitrile rubber binders. It is a general purpose material for applications such as Material handling equipments, chemical pumps & pipelines, diesel engines, oil, fuel, water pumps, carburetor, gear boxes & Oil Pans etc. Max Operating temperature 150°C

Technical Data

Specification values determined in accordance with ASTM F-104 Type 3

Physical Properties	Unit	Typical Value
Density	gm/cc	1.00 ± 0.05
Compressibility at 70 kg/cm ²	%	15-25
Recovery (Min)	%	35
Tensile Strength (Min)	kg/cm ²	100

Fluid absorption

Weight Increase			
ASTM Oil No. 3	22 Hrs @ 21 to 30°C (Max)	%	50
ASTM Fuel B	22 Hrs @ 21 to 30°C (Max)	%	45
Water Distilled	22 Hrs @ 21 to 30°C (Max)	%	65

Thickness Increase			
ASTM Oil No. 3	22 Hrs @ 21 to 30°C (Max)	%	10
ASTM Fuel B	22 Hrs @ 21 to 30°C (Max)	%	10
Water Distilled	22 Hrs @ 21 to 30°C (Max)	%	35

Availability	Unit	Standard Size
Thickness range	mm	0.25 -1.50 in Rolls
	mm	above 1.00 -1.50 in sheets
Roll width	mm	1000 ± 20
Roll Weight	Kgs	50
Sheet Size	mm	1200 X 1000

All information data quoted are based on experience in production of sealing elements. However, In view of the wide variety of possible installation and operating conditions one can not draw final conclusions in all application cases regarding the behaviors in a gasket joint.

Whenever there is any doubt, our staff will be pleasure to assist you in finding the optimum sealing solutions.

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