

Technical Data Sheet



HILITE

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

HAF S-707 LOW DENSITY GASKET MATERIAL

General properties and application :

HAF S-707 : It is a low density fiber gasket material with controlled swell styrene butadiene rubber binder. It is a suitable replacement for asbestos fiber gasket materials saturated paper and is used in many oil & Coolant applications in the after market. Max Operating temperature 180°C

Technical Data

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

Physical Properties	Unit	Typical Value
Density	gm/cc	1.0 ± 0.1
Compressibility at 70 kg/cm ²	%	10-30
Recovery (Min)	%	30
Tensile Strength (Min)	kg/cm ²	98

Fluid absorption

Weight Increase

ASTM Oil No. 3	22 Hrs @ 21 to 30°C (Max)	%	30-70
ASTM Fuel B	22 Hrs @ 21 to 30°C (Max)	%	25-65
Water Distilled	22 Hrs @ 21 to 30°C (Max)	%	25-65

Thickness Increase

ASTM Oil No. 3	22 Hrs @ 21 to 30°C (Max)	%	15-35
ASTM Fuel B	22 Hrs @ 21 to 30°C (Max)	%	15-40
Water Distilled	22 Hrs @ 21 to 30°C (Max)	%	20-60

Availability	Unit	Standard Size
Thickness range	mm	0.25 -1.50 in Rolls
Roll width	mm	1000 ± 20
Roll Weight	Kgs	50

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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