

Technical Data Sheet

HAF 4N

LOW DENSITY GASKET MATERIAL



HILITE

An IATF 16949 : 2016, ISO 14001 : 2004, OHSAS 45001: 2018 Certified Company

General properties and application :

HAF 4N : it has a fully cured nitrile butadiene rubber binder for maximum fluid resistance. It has excellent sealability in a variety of environments and flange conditions. Max Operating temperature 290°C

Technical Data

Physical Properties	Unit	Typical Value
Density	gm/cc	1.40 ± 0.05
Compressibility at 350 kg/cm ²	%	15-30
Recovery (Min)	%	30
Tensile Strength (Min)	kg/cm ²	100
Loss of ignition @ 850°C	%	-

Fluid absorption

Weight Increase

ASTM Oil No. 3	5 Hrs @ 150°C (Max)	%	40
ASTM Fuel B	5 Hrs @ 21 to 30°C (Max)	%	40
Water Distilled	5 Hrs @ 21 to 30°C (Max)	%	50

Thickness Increase

ASTM Oil No. 3	5 Hrs @ 150°C (Max)	%	20
ASTM Fuel B	5 Hrs @ 21 to 30°C (Max)	%	20
Water Distilled	5 Hrs @ 21 to 30°C (Max)	%	20

Availability	Unit	Standard Size
Thickness range	mm	0.50 -1.00 in Rolls
	mm	above 1.00 -1.50 in sheets
Roll width	mm	1000 ± 20
Roll Weight	Kgs	50
Sheet Size	mm	1000 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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