

Technical Data Sheet



HILITE

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

HAF 9085 HT NON ASBESTOS SOFT GASKET MATERIAL

General properties and application :

HAF 9085 HT : A high density high performance material used in a wide variety of Applications. Offers excellent resistance to water coolant, oil and fuels. Excellent strength and sealability characteristics , fully cured nitrile butadiene Binder for applications . Max Operating temperature 190°C

Technical Data

Specification values determined in accordance with ASTM F-104 Type 7

Physical Properties	Unit	Typical Value
Density	gm/cc	1.35 ± 0.05
Compressibility at 70 kg/cm ²	%	10-20
Recovery (Min)	%	50
Tensile Strength (Min)	kg/cm ²	125

Fluid absorption

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

Thickness Increase			
ASTM Oil No. 3	22 Hrs @ 21 to 30°C (Max)	%	10
ASTM Fuel B	22 Hrs @ 21 to 30°C (Max)	%	15
Water Distilled	22 Hrs @ 21 to 30°C (Max)	%	N.S.

Availability	Unit	Standard Size
Thickness range	mm	0.40 -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.

Hilite Industries Pvt. Ltd.

B-1, Site No.1 B.S. Road Industrial Area Ghaziabad-201001 (U.P.) INDIA

Ph. +91 0120-4144500