Technical Data Sheet

HAF 9300

LOW DENSITY GASKET MATERIAL

General properties and application :

HAF 9300 : Economical Controlled swell alternative to high swell material. Latent cured styrene binder on heat resisting thermally stable fiber, offers good sealing characteristics at low flange surface. . For application with intermittent Operating temperature 250^{0}C

Technical Data

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

Physical Properties	Unit	Typical Value
Density	gm/cc	1.25 min
Compressibility at 70 kg/cm^2	%	10-25
Recovery (Min)	%	40
Tensile Strength (Min)	kg/cm^2	100

Fluid absorption

Weight Increase			
ASTM Oil No. 3	5 Hrs @ 150^{0}C (Max)	%	40
ASTM Fuel B	5 Hrs @ 21 to 30^{0}C (Max)	%	30
Water Distilled	5 Hrs @ 21 to 30^{0}C (Max)	%	30

Thickness Increase			
ASTM Oil No. 3	5 Hrs @ 150^{0}C (Max)	%	15-30
ASTM Fuel B	5 Hrs @ 21 to 30^{0}C (Max)	%	15-35
Water Distilled	5 Hrs @ 21 to 30^{0}C (Max)	%	20

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.