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ACCESS HOSE INTERNATIONAL, INC.

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SERVING YOU IN 2 LOCATIONS: HOUSTON, TX & ATLANTA, GA (new)

TECHNICAL DATA SHEET

MATERIAL

COMPRESSED NON-ASBESTOS GASKET SHEET NAM 37 GREEN

COMPOSITION

Made from Aramid fibers, mineral fibers bonded with Synthetic NBR Elastomer.

APPLICATIONS

Suitable gasket material for medium to higher load factors, with good resistance to water, gases, oils, fuels and light chemicals. Used in compressors, pipelines, pumps, transmission, gas meters and internal combustion engines.

Specification Thickness	2.0 MM
Maximum Peak Temperature	750° F
Maximum Continuous Temperature	480° F
Maximum Operating Pressure	1450 PSI
Specification Compliance	ASTM Line callout F104F712122A9B4E12M4

PROPERTIES	TEST METHOD	UNIT	SPECIFIED VALUE
1. DENSITY	-----	lbs./ft.3	106-124
2. <u>TENSILE STRENGTH</u>			
(a) ACC to ASTM F152(ACROSS GRAIN)		PSI	1160
(b)ACC to DIN52910 (ACROSS GRAIN)		PSI	725
3. COMPRESSIBILITY	ASTM F36A	%	7 – 15
4. RECOVERY	ASTM F36A	%	≥ 50
5. <u>FLUID ABSORPTION</u>			
(a) IN ASTM OIL NO. 3	ASTM F 146		
INCREASE IN MASS		%	≤15
INCREASE IN THICKNESS		%	≤10
(b) IN FUEL B	ASTM F 146		
INCREASE IN MASS		%	≤10
INCREASE IN THICKNESS		%	≤10
(c)IN WATER/ANTIFREEZE	ASTM F 146		
INCREASE IN MASS		%	≤15
INCREASE IN THICKNESS		%	≤ 5
6. IGNITION LOSS	DIN 52911	%	≤ 35
7. SEALABILITY AGAINST NITROGEN	DIN 3535	Cm3/min	≤1.00
8. STRESS RESISTANCE			
16h 175C	DIN52913	N/mm2	~15
9. CREEP RELAXATION	ASTM F 38	%	30 Max.

NOTE: All information and recommendations given in this brochure are correct to the best of our knowledge. The information provided above should only be used as a guideline. Users must satisfy themselves that products are suitable for the intended process and uses. Maximum temperature and pressure depends not only on the type of material but on the application conditions such as thickness, service, flange type and surface stress etc. Please contact us if you have questions regarding application.