Tel: 01380 734510
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FLEXOID PRODUCT SPECIFICATION SHEET

PROPERTY	TEST METHOD	UNIT	VALUE
Moisture Content	15 min @ 100^{0}C	%	8-14
Thickness	ASTM F104	MM	-/+10%
Compression	ASTM F36	%	25-40
Recovery	ASTM F36	%	40 min
Tensile Strength	ASTM F152	Mn/m^2	13.79
IRM 903 Oil Weight Increase	ASTM F146	%	15 max
IRM 903 Oil Thickness Increase	ASTM F146	%	5 max
Fuel B Weight Increase	ASTM F146	%	15 max
Fuel B Thickness Increase	ASTM F146	%	5 max
Water Weight Increase	ASTM F146	%	90 max
Water Thickness Increase	ASTM F146	%	30 max

All properties based upon 0.8mm material.Refer to ASTM F104 section 7

Fluid Resistance Chart

Key: 1 - Good Resistance | 2 - Medium Resistance | 3 - Not Resistant

Acetone	2	Dibutyl Pathalate	1	Linseed Oil	1
Acids Inorganic	3	Ether	2	Lubricating Oil	1
Alcohols Methyl/Ethyl/Amyl	1	Ethyl Acetate	1	Methyl Ethyl Ketone	1
Alkalis	3	Ethylene Glycol	1	Nitrobenzene	1
Ammonia	3	Formaldehyde	1	Phenol	1
Aniline	1	Freon 12 and 22	3	Propane	1
Benzene	1	Fuel Oil	1	Propylene Glycol	1
Butane	1	Gasoline	1	Sodium Silicate	1
Butyl Acetate	1	Glycerine	1	Steam	3
Carbolic Acid	1	Greases	1	Toluol	1
Carbon Dioxide	1	Hydrogen	1	Trichloroethylene	1
Carbon Tetrachloride	1	Hydrogen Peroxide	2	Vegetable Oils	1
Chlorinated Solvents	1	Hydrogen Sulphide	1	Water/Sea Water	2
Cresol	2	Inks	1	White Spirit	1
Detergents	1	Kerosene	1	Xylol	1

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ARMSTRONG 8094 PRODUCT SPECIFICATION SHEET

Description:

N-8094 is a low density material that conforms well to irregular flange surfaces and has very good crush resistance at high flange pressures. It is intended for sealing oils, fuels, and water in applications with short duration maximum temperatures up to 180°C (350°F).

Property:	Specification:	Method:
Density, g/cc(lb/cu.ft)	0.87 (54) (min.)	ASTM F 1315
Compressibility, % (at 34.5MPa)	28 - 42	ASTM F 36
Recovery, %	20 (min.)	ASTM F 36
Tensile Strength, AMD, MPa(psi)	8.62 (1250) (min.)	ASTM F 152
Fluid Resistance, IRM903 Oil		ASTM F 146
Change in Tensile Strength, %	30 (max.)	
Change in Thickness, %	7 (max.)	
Change in Compressibility, %	30 - 45	
Fluid Resistance, Fuel B		ASTM F 146
Change in Thickness, %	7 (max.)	
Change in Weight, %	25 - 50	
Binder Type	Nitrile Butadiene	

Remarks and Related Documents:

Specification values determined by the test methods required for ASTM F-104, Type 7 materials.