



GASKET PAPER

MATERIAL SPECIFICATION – N8094

GENERAL INFORMATION AND APPLICATION

A cellulose fibre based beater sheet material with a fully cured nitrile butadiene binder.

This is a low density general purpose material suitable for sealing oil, water and fuel. It conforms well to irregular flange surfaces and exhibits good crush resistance at high flange pressures. It can be used up to 180°C for short duration.

MATERIAL DESCRIPTION

Density (g/cm ³)	0.87	ASTM F1315
Compressibility at 34.5 MPa (%).....	28 - 42	ASTM F36
Recovery (%)	20.0 min.	ASTM F36
Tensile strength (MPa)	8.62 min.	ASTM F152
Fluid Resistance (IRM903 oil)		ASTM F146
Change in thickness (%)	7 max.	
Change in tensile strength (%)	30 max.	
Change in compressibility (%)	30 - 45	
Fluid Resistance (Fuel B)		ASTM F146
Change in thickness (%)	7 max.	
Change in weight (%)	25 - 50	
ACL Heat Relaxation (%)	6.1 / 4.5	ACL propriety test
ACL Sealability (MPa)	10.0	ACL propriety test

Tests conducted in accordance with a ASTM F104 type 7 materials. F729900E99M9

