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Specification Sheet (Superceded) / 01
Oil Jointing Flexoid Material

8320
Certificate No. 11738-EMS-001
ISO 9001:2015 ISO 14001:2015

General Discription

Flexoid, also referred to as Statite, and Oil Jointing, is a plasticised gelatine impregnated material that is cellulose based. Gasket paper sheet, gasket paper gaskets and gasket paper washers are all readily available. Traditionally used throughout the automotive trade to seal against fuel and oil, Flexoid is also a very economical material. Available in a variety of thicknesses, Flexoid does have certain limitations in that stored gaskets must be protected from wide changes of humidity and temperature to prevent dimensional change. Flexoid is not suitable for applications including alkalis, acids and steam. Furthermore, it should therefore not be used in replacement of a compressed non asbestos parts as their functions are quite different. It has a maximum operating temperature of 120°C. It is also suitable with applications including anti-freeze.

Technical Data - Property	*Test Method*	*Unit*	*Result*
Moisture Content	15 min @ 100	%	8 – 14
Thickness	ASTM F104	mm	+10%
Compressibility	ASTM F 36 A	25-40%	25-40
Recovery	ASTM F 36	%	40 min
Tensile Strength	ASTM F152	Mn/m2	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

Dimentions	
Roll Length	Nominal + 1% tolerance
Roll Width	*For 0.15 - 0.80mm thickness: 1000-1050mm tolerance. *For 1.00 – 6.40mm thickness: 1000 + 5mm tolerance.

Change Control Date	*Change*
15/03/2017	Created

The above figures are average values.
We recommend that you examine any material you select to ensure its suitability for your application.
Tolerance(s) applied in accordance with ASG specification No WI007 (https://bit.ly/3nKm6Hj) unless otherwise stated.
Our standard terms and conditions of trading (https://bit.ly/3b3mThw) apply at all times.