

DATA SHEET

FPM/FKM FLUOROELASTOMER FDA COMPLIANT



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Description

Viton® FKM Sheet in the standard mid-blue food industry colour making contamination identification easier.

Product specifics

Comfortably hands hot, oily and greasy food products

Suitable for repeated food contact

Non-toxic and odour free

Non-marking and does not taint food

Non-allergenic

Resistant to chlorinated hydrocarbons; fuel and acids

Heat resistance to 250°C

Conforms to PAH/PAK requirements

Complies with Reach – SVHC listed ingredients

Popular for gaskets; seals; strips and joints for food; beverage and pharmaceutical

Technical Information

Colour:	MID BLUE
FKM Type:	'A' Type Di-Polymer – 66% Flourine content
Hardness:	64° Shore 'A' (+/-5°)
Specific Gravity:	2.02 g/cm ³
Tensile Strength:	14 Mpa
Elongation @ Break:	250%
Compression Set	
22hrs @ 200°C:	18%
Working Temperature:	-10°C to +250°C

Further Information

All ingredients used in this product are listed on the FDA White List as described in the FDA Code of Federal Regulations Title 21. Section 177. 2600.

This has been independently tested by SGS International and are certified as meeting the migration values as set out in FDA Regulations Title 21. Section 177. 2600 “Rubber Articles Intended for repeated use”.

The products are manufactured under Best Manufacturing Practice in accordance with EC2023:2006. They are deemed as being compliant to European Regulations framework EC1935:2004 “materials intended to come into contact with food”.

The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any particular application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable, but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied.



This product is REACH, RoHS, PAH & CE Compliant.

Directors: Martin Bailey, Jonathan Fisher

Registered in England No: 6033135

VAT No: GB 899 1951 52

Test Report

No. SHAEC1511783904 Date: 25 June 2015
Date of sample received: 18 June 2015
Testing period: 18 June – 25 June 2015

Result Summary

Test required Result
FDA 21 CFR 177.2600 – Total Extractives **PASS**

Test Results

Specimen No.	SGS Sample ID	Description	Material
SN1	SHA15-117839.002	Mid blue solid sheet	Rubber

FDA21 CFR 177.2600 – Total extractives

Test requested: As specified by client, to determine the amount of total extractives from rubber articles intended for repeat use for compliance with Food and Drug Administration Regulations.

Test method: With reference to FDA 21 CFR 177.2600

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 002 Total Extractives</u>	<u>Conclusion</u>
Distilled water	7.0hrs	Reflux Temperature	20mg/inch ²	<0.5mg/inch ²	PASS
Succeeding Extraction	2.0hrs	Reflux Temperature	1mg/inch ²	<0.5mg/inch ²	PASS
n-Hexane	7.0hrs	Reflux Temperature	175mg/inch ²	<0.5mg/inch ²	PASS
Succeeding Extraction	2.0hrs	Reflux Temperature	4mg/inch ²	<0.5mg/inch ²	PASS