

J-FLEX MATERIAL DATA SHEET



'A' TYPE FLUOROELASTOMER FDA COMPLIANT SHEET (SEE TEST RESULTS OVERLEAF)

PROPERTY	VALUE	TEST METHOD
COLOUR:	Beige	
FKM Type:	'A' Type Di-Polymer - 66% Fluorine Content	
Hardness:	64° Shore 'A' (+/-5°)	ASTM D2240
Specific Gravity	2.02 g/cm ³	
Tensile Strength	14 Mpa	ASTM D412
Elongation @ Break	250%	ASTM D412
Compression Set 22hrs @ 200°C	18%	ASTM D395 Method 'B'
Working Temperature	-10 to + 250°C	

- * We hereby declare that all of the ingredients in the rubber are compliant to the White List of FDA
- * We also declare that this material meets the migration values (extraction levels) of U.S. FDA 21 CFR 177.2600 regulations
- * Phthalate Free

Issue 3

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J-FLEX RUBBER PRODUCTS
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Independent testing carried out 16 August 2012 by SGS-CSTC Ltd – see relevant portions below:-

Test Report

No. SHAEC1214268901

Date: 22 Aug 2012

Date of Sample Received : 16 Aug 2012
Testing Period : 16 Aug 2012 - 22 Aug 2012
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
FDA 21 CFR 177.2600- Total Extractives	PASS

Signed for and on behalf of
SGS-CSTC Ltd.



Approved Signatory

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	SHA12-142689.001	Beige-yellow soft solid block

FDA 21 CFR 177.2600- Total Extractives

Test Requested : As specified by client, for compliance with Food and Drug Administration Regulations for determining the amount of total extractives from rubber articles intended for repeated use.

Test Method : As specified in FDA 21 CFR 177.2600.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Total Extractives</u>	<u>Comment</u>
Distilled Water	7.0hr(s)	Reflux temperature	20mg/inch ²	0.8mg/inch ²	PASS
Succeeding Extraction	2.0hr(s)	Reflux temperature	1mg/inch ²	<0.5mg/inch ²	PASS
n-Hexane	7.0hr(s)	Reflux temperature	175mg/inch ²	0.5mg/inch ²	PASS
Succeeding Extraction	2.0hr(s)	Reflux temperature	4mg/inch ²	<0.5mg/inch ²	PASS