

SHEETINGS PROFILE

HIGH PERFORMANCE GASKET SHEETINGS FROM J-FLEX RUBBER PRODUCTS



- ◆ SILICONE SHEETINGS (GASKETING & SPECIALITY)
- ◆ SILICONE SPONGE (ROLLS & SHEETS)
- ◆ VITON® & COMMERCIAL FKM SHEETINGS (GASKETING & SPECIALITY)
- ◆ VITON® SPONGE (SHEETS)
- ◆ FABRIC REINFORCED DIAPHRAGMS & INSERTION SHEETINGS;
THIN GAUGE + MOULDED SHEET
- ◆ HIGH TEMPERATURE ADHESIVE BACKINGS



J-FLEX RUBBER PRODUCTS

Engineering Rubber Components & Specialised Sheeting Products



Certificate No: RS 27290
Approved to
BS EN ISO 9001:2008



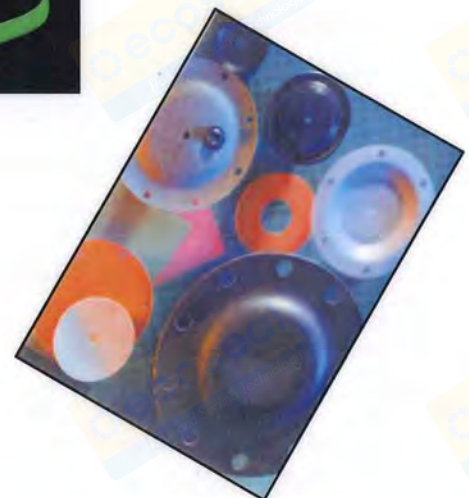
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- Silicone Rubber Sheetings (Gasketing & Speciality)
- Special Cellular Expanded Closed Cell Sponge Sheets



- Genuine DuPont Viton® & Commercial FKM Sheet (Gasketing & Speciality)
- Diaphragm Sheet Rubber & Thin Gauge
- Speciality Products



SILICONE RUBBER SHEETS

FOOD QUALITY SILICONE RUBBER 60° SHORE 'A'

White (W049) - Translucent (T050) - Red (R089) - Black (B60)
- Blue (B62) - Colour Match No. CM435

ALL EX-STOCK

<u>Property</u>	<u>Specification Limits</u>	<u>Typical Value</u>
Hardness:	60° Shore 'A' (+/-5°)	62° Shore 'A'
Elongation @ Break:	250% min	360%
Compression Set:		
24 hours @ 150°C	30% max	17%
22 hours @ 300°F	30% max	15%
Tensile Strength:	5.5 MPa min	10.5MPa
Tear Strength:	10 N/mm min 57lb/in min	14.7 N/mm 83.9 lb/in
Temperature Range :	-60°C to +230°C continuous +250°C intermittent	

These sheetings have been fully post cured and all ingredients used are listed in and sheeting is manufactured in accordance with FDA 21 CFR 177.2600.

WRAS APPROVAL NO: 0806508: Approved for cold & hot potable water use up to 85°C in accordance to BS 6920.

Format : 0.3mm to 12mm thicknesses available
EX-STOCK – Rolls 1200mm wide x 10 mtrs long
(8mm; 10mm & 12mm = Rolls: 5 mtrs long)



STOCK SHEETING AVAILABILITY TABLE

SILICONE STOCK	ROLLS	THICKNESS (mm)												
		0.3	0.5	0.8	1.0	1.5	2.0	3.0	4.0	5.0	6.0	8.0	10	12
Red, White & Translucent Silicone Rubber 60° Shore	1200mm wide x 10m long	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Blue FDA Silicone Rubber 60° Shore	1200mm wide x 10m long					✓	✓	✓		✓	✓			
Black Silicone Rubber 60° Shore	1200mm wide x 10m long				✓	✓	✓	✓	✓					
60° Shore Silicone Rubber Sheeting - 8mm; 10mm & 12mm Thickness is supplied in Rolls 1200mm wide x 5 metres long														
Translucent Silicone Rubber 40° Shore	1200mm wide x 10m long				✓	✓	✓	✓	✓	✓	✓			
Red Silicone/1 Ply Glass Fibre Insertion	1200mm wide x 10m long					✓	✓	✓						
Blue Metal Detectable Silicone Rubber	1000mm wide x 10m long					✓	✓	✓		✓	✓			
Translucent FDA Silicone One Side Knitted Polyester Fabric	1000mm wide x 25m long				✓									
High Clarity Translucent Platinum Cured Silicone Rubber Sheet	1200mm wide x 10m long					✓		✓						
Micra-Sil® Antimicrobial Silicone Rubber	1000mm wide x 10m long					✓		✓						
Red Medium Density Fine Fabric Finish Silicone Sponge Sheeting	914mm wide x 10m long							✓			✓			
White Closed Cell Silicone Sponge (250 Kgs/ m ³)	1000mm wide x 10m long					✓	✓	✓	✓	✓	✓	✓	✓	✓
Sheets: 1000mm x 600mm for thicknesses 16mm, 20mm and 25mm														
Black Medium Density Viton® Sponge	711 / 762mm x 1422mm							✓			✓			
VITON®, DIAPHRAGM & THIN GAUGE STOCK	ROLLS	THICKNESS (MM)												
		0.3	0.5	0.8	1.0	1.5	2.0	3.0	4.0	5.0	6.0	8.0	10	12
Black Genuine DuPont Viton® Sheet 75° Shore	1200/1220mm wide x 10m long				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Black Genuine DuPont Viton® 'B' Sheet 70° Shore A	1220mm wide x 10m long					✓		✓						
FLUOR-A-COM Commercial Fluoroelastomer Sheet	1200mm wide x 10m long (8mm & 10mm x 5m long) (12mm in sheets: 2m x 1m)		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
White Viton® FDA Approved Sheet 65° Shore (Tested by RAPRA)	1200/1220mm wide x 10m long				✓	✓	✓	✓						
Black Viton®/1 Ply Nomex Insertion 75° Shore	1000mm wide x 10m long					✓	✓	✓						
FLUOR-A-COM Commercial Fluoroelastomer / Nomex Insertion	1200mm wide x 10m long					✓	✓	✓						
Nitrile / Nylon Diaphragm Sheet	Nominally: 1400mm wide	0.2, 0.3, 0.4, 0.5, 0.65, 0.75, 0.8, 1.0, 1.5, 2.0, 2.5 & 3.0mm												
Neoprene/Nylon Diaphragm Sheet	Nominally: 1500mm wide	0.25, 0.4, 0.5, 0.8, 1.0, 1.5, 2.0, 2.5 & 3.0mm												
PVC Nitrile / Nylon Floating Roof Tank Seals Material	Nominally: 1400mm wide	2.4mm												
EPDM 65° Shore (Ethyle-Propylene)	Nominally : 1200mm wide	0.5mm (+/-0.1)												
Neoprene to BS2752 C40	Nominally : 1200mm wide	0.5mm (+/-0.075) & 0.8mm (+/- 0.08)												
Neoprene released to BS2752 C60	Nominally : 1200mm wide	0.3mm (+/-0.07), 0.5mm (+/-0.08) & 0.8mm (+/-0.10)												
Nitrile - Generally to BS2751 BA70	Nominally : 1200mm wide	0.5mm (+/-0.08) & 0.8mm (+/- 0.10)												

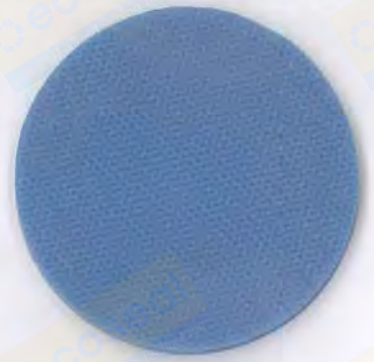
SPECIAL SILICONE SHEETS



Platinum Cured Silicone Rubber Sheeting: PLAT60



Micra-Sil Antimicrobial Silicone Rubber



Vac-Sil® High Elongation Vacuum Lamination Sheet Range

SPECIAL SILICONE SHEETS

In addition to the popular grades J-Flex supply a whole host of special Silicones like :-

- Wide colour range – blue, green, pink, yellow etc.
- Flame Retardant Grades
- 60° Shore Blue Metal Detectable Silicone Rubber Sheeting
- 40° Shore Translucent Silicone Rubber Sheeting
- Vac-Sil® High Elongation Vacuum Lamination Sheet Range
- Fluorosilicone
- Ministry Spec's DTD 818/5531
- Platinum Cured Silicone (for absolute product purity)
- Red Silicone Rubber /1 Ply Glass Fabric Insertion Sheeting
- FDA Translucent Silicone Reinforced One Side Knitted Polyester – 1.0mm thick (+/-0.1)

MADE TO ORDER

EX-STOCK

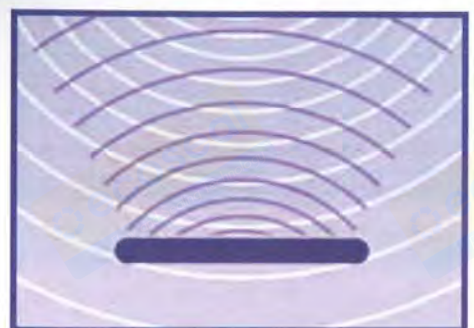
MADE TO ORDER

EX-STOCK

Red Silicone Insertion



Blue Metal Detectable Silicone Rubber







Teaming up with a World Leader
..... Ultra-Thin Silicones Added to Range

J-Flex has expanded its range after teaming up with one of the World's leading names in Ultra Thin Sheet Gas Permeable Membranes-

Specialty Silicone Products Inc. (SSP)

This partnership means that the SSP "Industrial Segment Products" are now available throughout the UK, Europe and Asia via J-Flex.

The New York based company has led the field with products and materials for the pharmaceutical / medical devices applications.

The unique capability on products such as Ultra-Thin Silicone Membrane provides a major boost for designers and manufacturers looking to produce leak-proof components and assemblies. Ultra-Thin Silicone membrane allows design engineers the ability to provide a water-tight seal between two compartments but still allow the transfer of gas through the membrane.

Typical applications include fuel cells, chemistry research etc.

Just look at the credentials of the SSP range:-



Ultra-Thin Silicone Membrane - SSPM823
Thickness: .003" (0.076mm) to .040" (1mm)
Tolerances: +/- .002" (0.05mm)
Sheets: 12" x 12" (305mm x 305mm) - or -
Rolls: 12" (305mm) wide up to 150ft (45m) long



Perhaps in the past you have been thwarted by special application gaskets or seal work that has eluded your capabilities because of thickness or material requirements.



If that's the case, J-Flex are now ready and able to help, with the full support of the unique SSP product development process. This ensures our supply of sheet rubber which can guarantee your OEM customers leak-proof components and assemblies. You can take the first step to finding a solution TODAY - by calling J-Flex. Our Sales Team will be happy to send you an information and sample pack to take the first step to solving your problems.



J-FLEX RUBBER PRODUCTS
 Engineering Rubber Components & Specialised Sheeting Products



VAC-SIL®

QUALITY MEMBRANES

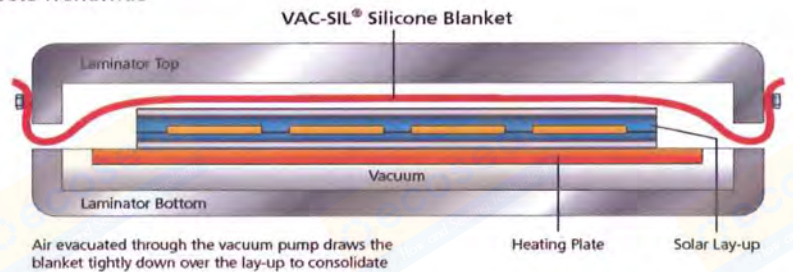
J-Flex Hi-Performance VAC-SIL® Sheetings are preferred membrane materials for use on lamination equipment used for forming or thermo-pressing of:

- Photovoltaic Panels
- Vinyl Foil Veneers on woodwork.
- Composites - Aerospace, F1 Cars, Marine & General

- 1 piece seamless sheet surface up to 3850mm wide
- Cycle life up to 4000 cycles – dependent upon grade
- VAC-SIL® PRO grade available EX-STOCK
- Good reusability & durability when exposed to high pressures & elevated temperatures
- Extraordinary “drawdown” strength & resilience when forming complex & sharp definitions
- Huge stocks of Silicone compound means we truly compete worldwide
- Laboratory controlled manufacturing facilities

VAC-SIL® Sheets are used throughout the world and bring many benefits to p.v. producers:

- 2 x cost effective grades - for your performance criteria
- VAC-SIL® allows even flow of E.V.A. encapsulants
- VAC-SIL® One Piece Seamless Sheets ensure no weak joint area & marks on lay-up
- VAC-SIL® ensures uniform pressure throughout the solar lay-up



A VAC-SIL® Hi-Performance Membrane suitable for your specific production needs

Our original & still most popular Silicone Membrane quality - combining hi-elongation, good life cycle performance under controlled environments and very competitive pricing.

**VAC-SIL®
PRO**

A homogenous material combining a special Silicone composite that resists the deterioration caused by volatile acidic E.V.A. outgassing in p.v. panel production. VAC-SIL® EXTREME is extremely durable & increases machine up-time.

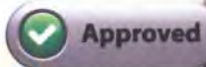
**VAC-SIL®
EXTREME**

High quality Somont® stringer belts, giving great tracking and dimensional stability.

**VAC-SIL®
STRINGER BELTS**

Release belts of PTFE Glass/Kevlar fabric, giving temperature resistance, chemical resistance & dimensional stability.

**VAC-SIL®
PTFE**

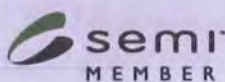


Quality Approved

- Formal approval to BS:EN: ISO9001:2008.
- See Quality Plan for Lamination Sheet Products.



Stringer Belts



Certificate No. RS 27220
Approved to BS EN ISO 9001:2008

J-FLEX RUBBER PRODUCTS
Engineering Rubber Components & Specialised Sheeting Products



SPECIAL CELLULAR EXPANDED CLOSED CELL SPONGE SHEETS

SILICONE SPONGE SHEET Commercial Quality – Standard Density

Colour	Off White
Density	300Kgs/ m ³ (+/-100)
Tensile Strength	1.3 MPa
Compression Set	15% max (BS EN ISO 1856 A 1857)
Temperature Range	-60°C to +200°C Continuous 250°C Intermittent

Format: 1.5mm to 12.00mm thicknesses available in continuous rolls: 1000mm wide – smooth finish. Above 12mm – sheets: 1000mm x 600 / 1000mm

WRAS APPROVAL NO: 0802502

Approved for cold & hot potable water use up to 85°C in accordance to BS 6920



EX-STOCK

WHITE GREY METAL DETECTABLE SILICONE SPONGE

Made from FDA listed ingredients.
Produced using good manufacturing practice & fully post cured

*Density	315 g/m ³
**Compression Stress	94kPa
40% Strain	
Tensile Strength	0.4 N/mm ²
Compression Set	3%
50% Compression	
22hrs @ 70°C - 24 hours recovery	
Elongation to Failure	148%
Temperature Range	-60°C to +200°C

Sheet Size: 1000mm x 1000mm

* Density measured on 25mm diameter cord.

** Compression Stress measured on samples defined in BSENISO 3386.



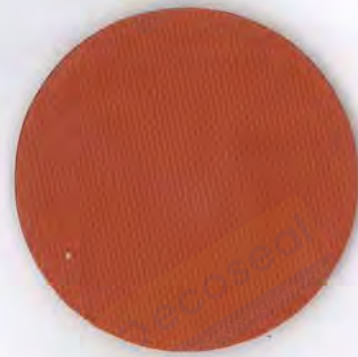
RED CLOSED CELL MEDIUM DENSITY SILICONE SPONGE C/W FINE FABRIC FINISH BOTH SIDES

Density	0.025lbs/cubic in. max under 1/4" thick 0.020lbs/cubic in. max over 1/4" thick
Tensile Strength	100 psi
Compression Set	60% max
(22hrs @ 212°F)	
Elongation	200%
Temperature Range	-103°F to +450°F
Water Absorption	5% max

Format: 3mm & 6mm thickness - Ex-Stock—others to order
Available in rolls - 914mm wide x 10 metres long

FEATURES: * Extreme High & Low Temperature

- * Excellent Gasketing Material
- * UV / Ozone Resistant
- * Low Compression Set
- * High Compressibility



EX-STOCK

VITON SPONGE SHEETS – 1028 QUALITY

Colour	Black
Type	Closed cell formulation
Surface	Continuous skin both sides
Temperature Range	-25°C to +240°C Continuous
Density	Dependent on thickness – but ranges from 10lbs ft ³ – 19lbs ft ³
Water Absorption (Pick Up)	0.06% max% weight increase

Format: 1/8", 1/4", 1/2", 3/4"

EX-STOCK USA in Sheets typically : 28" x 56"



HIGH TEMPERATURE ADHESIVE BACKING

We can offer all of special sheet materials with high temperature adhesive backing. (On one or both sides).

A permanent tape with tissue carrier, the adhesive is a modified acrylic, offering good UV light and chemical resistance together with very high performance over a wide temperature range. The liner is a two sided release system.

A high performance, high temperature resistant modified acrylic adhesive at high coatweight makes 2881 especially suitable for splicing applications especially where high temperatures are involved.

The product is also suitable for name plate and foam laminating applications.

Recommended service temperature range -10°C to 180°C

Application temperature range 5°C to 60°C



PTFE / RUBBER SHEETS

J-Flex are now offering sheets and finished cut parts made from laminated PTFE / Rubber Sheets.

Made to Order using a standard 0.5mm thick Grey PTFE

– Pre-etched to aid bonding.

Sheet Size: 500 / 600mm Square

So far so good with Viton; Neoprene; Butyl and Nitrile /Nylon.

Lets expand this list of bonded materials with your laminated requirements.

FLUOR-A-COM

COMMERCIAL FLUOROELASTOMER SHEETINGS

Property	Typical Values
Type	A Type Fluoroelastomer Min. 66% Fluorine Content
Specific Gravity	1.90 g/cm ³
Hardness	75° (+/-5°) Shore 'A'
Tensile Strength	8 MPa
Elongation @ Break	180 %
Compression Set 22hrs @ 175°C	25%
Working Temperature	-15°C to 250°C Continuous (Up to 315°C Intermittent)



Thicknesses: 0.5mm, 1.0mm, 1.5mm, 2.0mm, 3.0mm, 4.0mm, 5.0mm, 6.0mm, 8.0mm & 10.0mm

Standard Rolls: 1200mm wide (+/-2%) x 10 metres long (+/-5%)

8mm & 10mm Rolls: 1200mm wide (+/-2%) x 5 metres long (+/-5%)

For further information regarding Chemical Resistance and Physical Test Results please contact us.

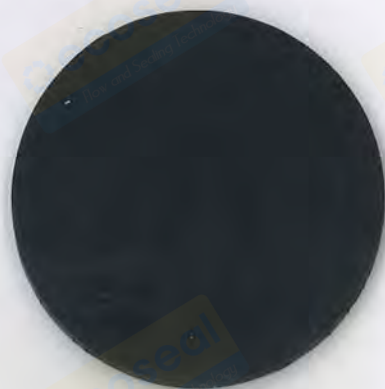
VITON® SHEET PRODUCTS

VITON® 'A' COMMERCIAL GRADE NO: JFV 75A 100% Virgin Viton® 'A' Compound

EX-STOCK

Colour	Black
Hardness	72° Shore 'A' (+/-5°)
Specific Gravity	1.99 g/cm ³
Tensile Strength	4.0 MPa
Elongation@Break	165%
Tear	20 Kgs/cm
Compression Set	55% max.— 22 hours @ 170°C
Temperature Range	-10°C to +250°C (up to 315°C intermittent)

Standard Rolls: 1200/1220mm wide x 10 metres long.
Thicknesses: 0.5 — 10.00mm - up to 25mm made to order



EX-STOCK

WHITE FDA APPROVED FOOD QUALITY VITON®

FDA-615-65-WH QUALITY FDA 21 CFR.177.2600

Colour	White
Hardness	65° Shore 'A' (+/-5°)
Specific Gravity	2.08 g/cc(+/-0.03)
Tensile Strength	1500psi
100% Modulus	480 (typical result)
Elongation @ Break	200% (min)
Compression Set	23%
Format	: 1.5mm and 3.0mm thicknesses in rolls 1200mm wide x 10 metres long . Other thicknesses made to order

VITON® 'B' RUBBER SHEETING QUALITY: JFV727

Colour	Black
Hardness	70° Shore 'A' (+/-5°)
Specific Gravity	1.81 g/cm ³
Tensile Strength	8.5 MPa
Elongation @ Break	200%
Compression Set	40% (max)
22hrs @ 175°C	

Format : 1.5mm and 3.0mm thicknesses in rolls
1220mm wide x 10 metres long .

EX-STOCK



Viton® is the registered trademark of DuPont Performance Elastomers Ltd

FLUOR-A-COM COMMERCIAL FLUOROELASTOMER / 1 PLY NOMEX INSERTION

ELASTOMER COMPOUND

Hardness:	75° Shore 'A'
Tensile Strength:	8.0 MPa
Elongation @ Break:	150%
Compression Set:	30%
(22hrs @ 175°C)	

NOMEX META-ARAMID FIBRE

Weight:	154 g/m ² (+/-5)
Weave:	32 x 32 per inch (25.4mm)
Thickness:	0.44mm (+/-0.03)
Tensile Strength:	Warp: 1000N/50mm & Warp: 1000N/50mm
Adhesion -Rubber to Fabric:	3.75 Kgf / 25mm
Finished thicknesses:	1.5, 2.0 & 3.0mm thicknesses
Rolls:	1200mm wide x 10 metres long.

EX-STOCK



OFFICIAL LICENSEE



This certifies that

J-Flex Rubber Products

is licensed to use the DuPont Performance Elastomers "Genuine Viton®" quality label.

Robert F. Bernacki
Global Business Director, Viton®
DuPont Performance Elastomers L.L.C.

July 2005



DuPont
Performance Elastomers

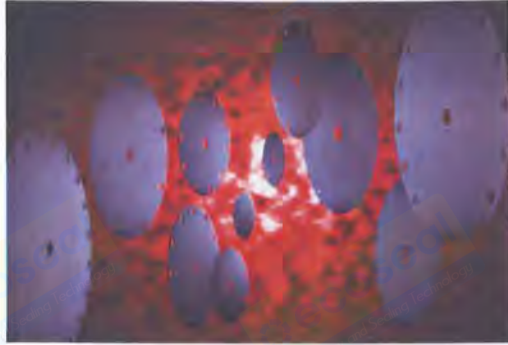


Viton®

From DuPont Performance Elastomers

All plants throughout the world manufacturing Viton® fluoroelastomers from DuPont Performance Elastomers are ISO 9002 certified.

FABRIC REINFORCED DIAPHRAGM MATERIAL



EX-STOCK

NITRILE / NYLON DIAPHRAGM SHEET

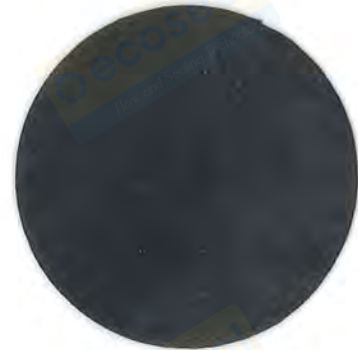
Quality No.	Thickness / Tol	Elastomer/Fabric	Colour
M20	0.20mm (+/- 0.02)	NBR613/Nylon 210	Black
H32	0.30mm (+/- 0.03)	NBR613/Nylon 210	Black
M47	0.40mm (+/- 0.04)	NBR613/Nylon 210	Black
H59	0.50mm (+/- 0.05)	NBR618/Nylon 210	Black
H54	0.65mm (+/- 0.07)	NBR618/Nylon 210	Black
H75	0.75mm (+/- 0.07)	NBR618/Nylon 420	Green
M01	0.80mm (+/- 0.08)	NBR618/Nylon 210	Black
M87	1.00mm (+/- 0.02)	NBR618/Nylon 210	Black
H87	1.50mm (+/- 0.10)	NBR618/Nylon 210	Black
H12	2.00mm (+/- 0.15)	NBR618/Nylon 210	Black
H25	2.50mm (+/- 0.25)	NBR618/Nylon 1680	Black
H06	3.00mm (+/- 0.30)	NBR618/Nylon 1680	Black



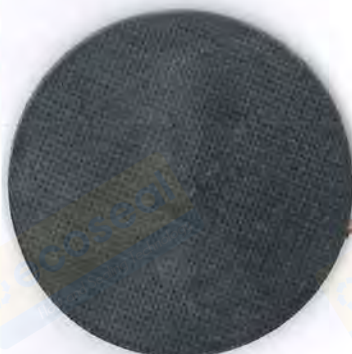
BLACK NEOPRENE / NYLON DIAPHRAGM SHEET

Quality No.	Thickness / Tol	Width/ mm
HN25	0.25mm (+/-0.025)	1500
HN40	0.40mm (+/-0.08)	1500
HN41	0.50mm (+/-0.075)	1500
H03	0.80mm (+/-0.08)	1500
HN43	1.00mm (+/-0.10)	1500
HN44	1.50mm (+/-0.15)	1500
HN45	2.00mm (+/-0.20)	1500
HN46	1.50mm (+/-0.25)	1500
MO6/ 2 Ply	3.00mm (+/-0.30)	1490

EX-STOCK



EX-STOCK



BLACK PVC NITRILE / NYLON

Quality No.	Thickness / Tol	Width/ mm
PVNN24	2.4mm (+/-10%)	1400mm

SPECIALITY SHEET PRODUCTS

THIN GAUGE SHEET RUBBER

Type	Quality No.	Specification	Thickness / Tol	Width/ mm
Neoprene	3250-05	BS2752-C40	0.5mm (+/-0.075)	1200
Neoprene	3250-05	BS2752-C40	0.8mm (+/-0.075)	1200
Neoprene	496 A	BS2752-C60	0.3mm (+/-0.05)	1200
Neoprene	496 A	BS2752-C60	0.5mm (+/-0.08)	1200
Neoprene	496 A	BS2752-C60	0.8mm (+/-0.10)	1200
Nitrile	1570/2A	Generally Based on BS2751-BA70	0.5mm (+/-0.08)	1200
Nitrile	1570/2A	Generally Based on BS2751-BA70	0.8mm (+/-0.10)	1200
EPDM	JFEP760A	Smooth Finish	0.5mm (+/-0.1)	1200

EX-STOCK



10° Hardness - YES WE ARE "SHORE"!!



Do you sometimes need a sealing material that's as soft as sponge
BUT
- has the mechanical properties of rubber?

Oh yes and it works at temperatures over 200°C as well.

We'll look no more

Available as Strips; Rings; Profiles; Seals & Gaskets - J-Flex 10° Shore "UltraSoft" Silicone is ready & willing to take on these arduous applications.

Quite simply this amazing material successfully combines the mechanical strength of rubber, with the softness of sponge.

Contact J-Flex for all of your "Special" Rubber Sheet requirements and a whole host more!

RUBBER PRODUCTS FROM J-FLEX RUBBER PRODUCTS



MOULDINGS



MOULDINGS



LARGE MOULDINGS



FABRICATED ITEMS



FABRICATED ITEMS



RUBBER ROLLERS



DIE CUT GASKETS



EXTRUSIONS



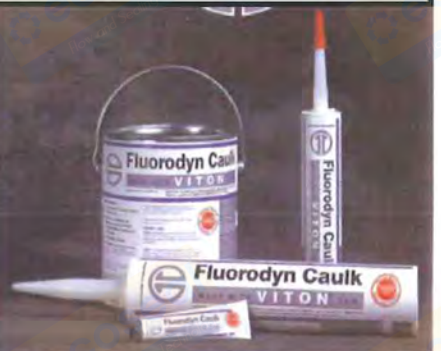
DIAPHRAGMS



SHEETINGS



BELLOWS



CAULK SEALANT & ADHESIVE

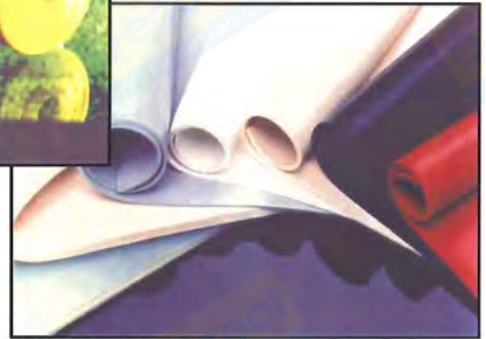
A – Z OF J-FLEX RUBBER PRODUCTS

ADHESIVE - VITON & SILICONE	MACHINED RUBBER SECTIONS
AFLAS® SHEETING	MANDREL BUILT SLEEVES
AIR VALVE FLAPS	METAL DETECTABLE SILICONE SHEET & EXTRUSIONS
ANTI FATIGUE FLOOR MATTING	MOULDED RUBBER SHEETS
ANTI-VIBRATION MOUNTS	'O' – RINGS NON-STANDARD
BALLS - WIDE RANGE SIZES - MOULDED TO ORDER	P.T.F.E. BONDED TO RUBBER SHEETS + CUT ITEMS
BEARING PAD SHEET	PADS
BELLOWS – STOCK RANGE + MADE TO ORDER	PLUGS
BUNGS	POW-R WRAP / PATCH REPAIR PRODUCTS
BUSHES - MOULDED & LATHE CUT	PU MUSHROOMS
CAULK SEALANT - VITON®	PU PIPE CLEANING PIGS
CONES	RUBBER COVERED ROLLERS
CONFECTIONARY / FOOD MOULDINGS	RUBBER TO METAL BONDED ITEMS
CONVOLUTED BELLOWS	SEALS - MADE TO ORDER TYPES
CORDS - SILICONE EX-STOCK	SECTIONS
COVERS	SEWN BELLOWS & CONNECTORS
DIAPHRAGMS – DIE CUT & MOULDED & SHEET	SHEET PRODUCTS : ALL SPECIALITY TYPES
DISCHARGE SLEEVES	SILICONE - ALL PRODUCTS
DRAW ROLLER	SLEEVES
EXPANSION JOINTS	SPECIFICATION SHEETS : MOULDED TO ORDER
EXTRUDED SECTIONS / PROFILES SILICONE + VITON + OTHER	SPONGE PRODUCTS : SILICONE + NEOPRENE + EPDM ETC
FABRICATED ITEMS	SUCTION CUPS
FABRIC REINFORCED SHEETS	THERMALLY CONDUCTIVE SILICONE SPONGE SHEETS
FDA COMPLIANT MATERIALS - SILICONE + VITON® ETC	THIN GAUGE SHEET RUBBER – 0.3MM; 0.5MM & 0.8MM
FLANGED CONNECTORS	
FLEXIBLE PRODUCTS	TUBES & TUBINGS
GAITERS	VITON® - ALL PRODUCTS
GASKETS – DIE CUT + WATERJET CUT + MOULDED	VITON® SPONGE - SHEET & CORDS
GROMMETS	VULCANISED CORD RINGS - ALL TYPES SOLID & SPONGE
H.F. WELDED P.U. SLEEVES	WHITE FDA VITON® SHEETS & EXTRUSIONS
HOSES – NON-STANDARD - MADE TO ORDER	WASHERS – DIE CUT; LATHE CUT & MOULDED
INFLATABLE SEALS	
JACOBS PLUGS	WATERJET CUT ITEMS
JOINTS	W.R.A.S. APPROVED EPDM COMPOUND & DIAPHRAGM SHEET
LATHE CUT RINGS; WASHERS & BUSHES	



Decoseal
The Silicone Specialists

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Sheeting Products at a Glance



Certificate No: RS 27920
Approved to
BS EN ISO 9001:2008

INFORMATION UPDATE

EX-STOCK ITEMS		✓
Red, White, Translucent Blue & Black 60° Shore FDA Silicone Sheet		
Translucent 40° Shore FDA Silicone Sheet		
Red 70° Shore Silicone / 1 Ply Glass-Fabric Insertion Sheet		
Blue Metal Detectable Silicone Rubber Sheeting		
MicraSil® Antimicrobial Silicone Rubber		
Translucent 60° Shore Platinum Cured Silicone Sheet		
Translucent FDA Silicone / 1 Ply Polyester Reinforced Sheet		
"Standard" Density Closed Cell Silicone Sponge Sheet + Red Fabric Finish		
Viton® 'A' Sheet + Viton® 'B' Sheet		
White FDA Viton 'A' Sheet		
'Fluor-A-Com' Commercial FKM Sheet (also c/w 1 Ply Nomex Insertion Sheet)		
Nitrile/ Nylon; Neoprene/ Nylon & EPDM / Nylon Diaphragm Sheet		
Thin Gauge Sheetings: Neoprene 40° & 60° Shore + Nitrile 70° Shore + EPDM 65° Shore		
White 60° Shore Silicone 'O' Ring Cords		
WRAS Approved EPDM / Nylon Sheet		
Viton Caulk Sealant & Adhesive + Silicone Adhesive		
Moulded Translucent Silicone Bellows – 3", 4", 6", 8" & 10" sizes		
MADE TO ORDER ITEMS		
Flame Retardant Silicone Sheet – UL94 V(0) + BS6853/ BS4589 & NFX70-100		
Flame Retardant Silicone Sponge – UL94 V(0)		
High Elongation 50° Shore Vacuum Blanket Silicone Sheet		
FDA Certified Silicone Sponge Sheet & Extrusions		
'Hi-Recovery' & HTM Thermally Conductive Moulded Silicone Sponge Sheets		
Viton® 'B', 'F', 'GF', 'GLT' Speciality Grades		
Aflas Fluoroelastomer		
Moulded Sheets in various compounds & hardnesses		
Metal Detectable Silicone Mouldings & Extruded Sections		
Viton Sponge Sheet & Extruded Cords / Strips		
Silicone & Viton® Extruded Products		
Moulded Components + Fabricated Sleeves; Expansion Joints etc.		
Hot Vulcanised Joined Silicone & Viton Cord Rings		
Silicone / Glass Fabric Insulation Sheets		

For Further Information, Samples etc. just ✓ the box and return to J-Flex.

Company:

Name: E-mail:

Tel: Fax:.....



J-FLEX RUBBER PRODUCTS
Engineering Rubber Components & Specialised Sheeting Products





Certificate of Registration

QUALITY MANAGEMENT SYSTEM - ISO 9001:2008

This is to certify that:

J Flex Rubber Products
Unit 1
London Road Business Park
Retford
DN22 6HG
United Kingdom

Holds Certificate No: **RS 27920**

and operates a Quality Management System which complies with the requirements of ISO 9001:2008 for the following scope:

Stockholding and supply of natural and synthetic rubber products (including Viton) in sheet and moulded forms including profiles, tubing, cord, gaskets and joints.

For and on behalf of BSI:

Managing Director, BSI EMEA

Originally registered: **19/04/1994**

Latest Issue: **02/11/2009**

Expiry Date: **08/12/2011**



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The British Standards Institution is incorporated by Royal Charter.
BSI (UK) Headquarters: P.O. Box 9000, Milton Keynes MK14 6WT. Tel: 0845 080 9000





TOTAL CAPABILITY FOR INDUSTRY

power generation - aerospace and defence - fluid and environmental control
chemical processing - insulation and protection - food and drink - pharmaceutical and life sciences

ENGINEERING RUBBER COMPONENTS + POLYMER SHEETINGS

PRODUCT PROFILE



FABRICATED COMPONENTS

J-Flex can supply you with all manner of fabricated components – large or small in size – one offs to large requirements. Die cut gaskets; fabricated sleeves; vulcanised joined rings plus a whole host of “mechanicals”. Things like lathe cut bushes, bellows; cones; flanged connectors and discharge sleeves.

J-FLEX MOULDED TO PERFECTION

Extremely cost-effective on existing moulding work & very competitive on new items. We make our own mould tools in-house to exacting standards. Quality at a lower price. J-Flex is the comprehensive source for all your moulding requirements be it in small, medium or large volumes. Our polymer range is vast. We can offer Natural, Neoprene, Nitrile, EPDM, Butyl, Hypalon®, HNBR, CXNBR, Silicone, Fluorosilicone, Viton®, Fluoroelastomers, Aflas® and Perfluoroelastomer.



EXTRUSIONS

J-Flex are able to supply an infinite variety of extruded profiles ... accurately and efficiently. Mainly produced in Silicone Rubber (solid and sponge) we offer wide experience in sections for sealing; silencing; insulating; channelling and protection. With over 2000 existing profile dies at our disposal, we can almost certainly assist when you are designing original equipment or replacing obsolete spares. Some EPDM, Neoprene and TPR Grades are also available.

TWO PART VITON ADHESIVE

& ONE PART CAULK VITON SEALANT

Available only from J-Flex these high quality adhesive and gap sealant products are made with Genuine DuPont Viton® 'B' - providing users with all the advantages of the worlds most famous Fluoroelastomer. They can be safely used in highly corrosive and hazardous environments and they have good resistance to extreme heat, corrosion and aggressive chemicals and acids etc.

Ask for specific information about these superb products.

