




EPDM GRADES

Grade	Polymer Type [base]	Colour	Hardness Shore 'A' ± 5°	Density SG	Tensile Strength Mpa [polymer]	Elongation At Break %	Abrasion Resistance mm ³	Compression Set 70° C for 22 hours - %	High-Low Temperature ° C	Specification Description
117	NR/EPDM	Black	65	1.4	5.0	350	-	35	-20/+100	Commercial EPDM
145	EPDM	Black	60	1.3	5.0	350	-	30	-30/+120	Medium Commercial Grade EPDM
1452	EPDM	Black	45	1.20	10.0	600	-	25	-30/+130	High Elongation Grade
1454	EPDM	Black	50	1.25	9.0	300	-	30	-30/+130	Premium Soft Grade
1456	EPDM-100	Black	60	1.15	10.0	300	-	30	-30/+130	100% EPDM Medium Hardness
176	EPDM	Black	60	1.5		350	-	35	-40/+120	UL94 VO FLAME RETARDENT
177	EPDM	Black	70	1.13	11.0	320		8	-40/+100	WRAS Approved Approval No: 0907547 Potable Water Grade
178	EPDM/IIR	Black	60	1.25	5.0	300	-	35	-30/+150	Low / High Temperature EPDM/IIR Butyl Blend

FDA FOOD & DRINK QUALITY GRADES



Grade	Polymer Type [base]	Colour	Hardness Shore 'A' ± 5°	Density SG	Tensile Strength Mpa [polymer]	Elongation At Break %	Abrasion Resistance mm ³	Compression Set 70° C for 22 hours - %	High-Low Temperature ° C	Specification Description
163	EPDM	WHITE	60	1.30	5.0	300	-	30	-25/+140	FDA Approved Grade

BUTYL [IIR] GRADES

Grade	Polymer Type [base]	Colour	Hardness Shore 'A' ± 5°	Density SG	Tensile Strength Mpa [polymer]	Elongation At Break %	Abrasion Resistance mm ³	Compression Set 70° C for 22 hours - %	High-Low Temperature ° C	Specification Description
147	IIR	Black	65	1.2	5.0	300	-	35	-40/+140	Low / High Temperature

HYPALON® GRADES

Grade	Polymer Type [base]	Colour	Hardness Shore 'A' ± 5°	Density SG	Tensile Strength Mpa [polymer]	Elongation At Break %	Abrasion Resistance mm ³	Compression Set 70° C for 22 hours - %	High-Low Temperature ° C	Specification Description
210	CSM	Black	65	1.4	10.0	350	-	40	-30/+140	Low / High Temperature

FLUOROELASTOMERS, VITON® AND VAMAC® GRADES

Grade	Polymer Type [base]	Colour	Hardness Shore 'A' ± 5°	Density SG	Tensile Strength Mpa [polymer]	Elongation At Break %	Abrasion Resistance mm ³	Compression Set 70° C for 22 hours - %	High-Low Temperature ° C	Specification Description
148	FPM	Black	75	1.8	4.0	200	-	40	-25/+250	Fluoroelastomer [FPM]
149	Viton®	Black	75	1.95	5.0	200	-	30	-30/+300	Genuine VITON®
217	ACM VAMAC G®	Black	60	1.24	14.0	500	-	30	-30/+160	VAMAC® G

On many of the above sheetings we can offer the additional properties of:-

- Finish** A variety of patterned or fabric impression surfaces
- Fabric insertion** Light or Heavy Duty fabric layer Reinforcements
- Variations** Additional or intermediate physical characteristics

All of the above sheetings are manufacture from top quality virgin materials and ingredients meeting high standard of performance.

Other than standard stock materials they can be supplied in a variety of colours, thickness and sheet / roll size formats [up to 2000mm wide] and we would be please to offer for any special or custom requirements you may have.



EPDM GRADES

Grade	1.0mm	1.5mm	2.0mm	2.5mm	3.0mm	4.0mm	5.0mm	6.0mm	8.0mm	10.0mm	12.0mm	15.0mm	20.0mm	25.0mm	30.0mm	40.0mm	50.0mm
117	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
145	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
1452					✓		✓	✓		✓							
1454					✓		✓	✓		✓							
1456	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
176		✓	✓		✓		✓	✓		✓		✓					
177		✓			✓		✓	✓									
178		✓			✓		✓	✓		✓							

FDA FOOD & DRINK EPDM GRADES

Grade	1.0mm	1.5mm	2.0mm	2.5mm	3.0mm	4.0mm	5.0mm	6.0mm	8.0mm	10.0mm	12.0mm	15.0mm	20.0mm	25.0mm	30.0mm	40.0mm	50.0mm
163	✓	✓			✓		✓	✓									

BUTYLE [IIR] GRADES

Grade	1.0mm	1.5mm	2.0mm	2.5mm	3.0mm	4.0mm	5.0mm	6.0mm	8.0mm	10.0mm	12.0mm	15.0mm	20.0mm	25.0mm	30.0mm	40.0mm	50.0mm
147	✓	✓			✓		✓	✓	✓	✓							

HYPALON GRADES

Grade	1.0mm	1.5mm	2.0mm	2.5mm	3.0mm	4.0mm	5.0mm	6.0mm	8.0mm	10.0mm	12.0mm	15.0mm	20.0mm	25.0mm	30.0mm	40.0mm	50.0mm
210	✓	✓			✓		✓	✓	✓								

FLUORELASTOMERS, VITON® AND VAMAC® GRADES

Grade	0.5mm	0.75mm	1.0mm	1.5mm	2.0mm	2.5mm	3.0mm	4.0mm	5.0mm	6.0mm	8.0mm	10.0mm	12.0mm	15.0mm	20.0mm	25.0mm	
148				✓			✓			✓							
149	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓					
217	✓		✓	✓	✓		✓		✓	✓							

Please see individual data sheets on roll sizes, tolerances and fabric strengths offered on all of the above products

Additional Product Information

Stock Standard Roll Sizes:-	Length		Width		Tolerance		Thickness	Hardness
	Length	Width	Length	Width	Width	Width		
1.0mm to 2.0mm-	20m	1.4m	± 5 %	± 3 %	± 20%	± 5°		
2.5mm to 6.0mm-	10m	1.4m	± 5 %	± 3 %	± 15%	± 5°		
8.0mm to 25.0mm-	5m	1.4m	± 5 %	± 3 %	± 10%	± 5°		
Over 25mm -	2m	1.0m	± 5 %	± 3 %	± 10%	± 5°		

PLEASE NOTE: 177 WRAS EPDM GRADE IS SUPPLIED IN 1500MM WIDTH

Part Rolls:-

Can be offered - usually in cut 1m x stock width multiples. A cutting charge would apply to part rolls - **PLUS 20%**

Note: A small proportion of full rolls may be supplied in two parts unless otherwise stated when ordering.

Carriage Terms:-

Carriage paid on our standard stock products for items sent from individual branches and sent via our economy transport system allowing 3-7 days for delivery. Surcharges applicable for next day or timed deliveries. For timed delivery failures credits can only be made of cost differentials.

Above terms are subject to a minimum invoice value of £100.00 - combined stock products [sheet and matting only] orders acceptable.

Surface Finishes

The majority of items are stocked with a smooth finish on both sides but we do hold limited stocks in certain grades with a fine fabric impression [cloth finish] both on one side and both sides. We are also able to offer to special order a range of finishes with varying degrees of pattern - details available on application. **Materials with fabric impression surfaces may be subject to additional costs - details available upon request.**