



NON SPECIFICATION & BLENDED 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
115	SBR/NBR	Black	50	1.25	6.0	300	-	30	-20/+100	Soft Commercial
116	NBR30	Black	70	1.45	5.0	250	-	35	-30/+90	30% Medium Grade
118	NBR100	Black	65	1.48	7.0	200	-	32	-30/+120	100% Premium Grade Nitrile
169	SBR/NBR	Black	80	1.50	10.0	150	-	45	-20/+110	100% Hard Premium Grade
175	NBR/PVC	Black	65	1.25	6.0	250	-	40	-20/+110	GP Fuel Resistant

HIGH QUALITY SPECIFICATION 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
189	NBR	Black	40	1.25	9.0	450	-	30	-30/+120	British Standard BS2751/BA40
190	NBR	Black	50	1.35	12.0	400	-	30	30/+120	British Standard BS2751/BA50
191	NBR	Black	60	1.40	13.0	350	-	25	30/+120	British Standard BS2751/BA60
192	NBR	Black	70	1.40	13.0	300	-	25	30/+120	British Standard BS2751/BA70
193	NBR	Black	80	1.50	13.0	150	-	30	30/+120	British Standard BS2751/BA80

HIGH QUALITY SPECIALITY 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
209	NBR	Black	70	1.3	10.0	250	-	30	-20/+120	Ultra High Nitrile for Diesel
211	NBR	Black	65	1.25	10.0	450	-	30	-20/+120	Ultra High Nitrile for Bio Diesel
212	HNBR	Black	70	1.4	11.0	400	-	25	-35/+150	Hydrogenated HNBR
213	HNBR	Black	70	1.2	15.0	400	-	20	-40/+160	Hydrogenated HNBR
2494	NBR	Black	70	1.25	12.6	300	-	30	-30/+110	BS.EN682:2002 Gas Grade

FDA FOOD AND 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
137	NBR	WHITE	60	1.4	6.0	350	-	40	-25/+110	WHITE FDA Approved
166	NBR	BLUE	60	1.4	6.0	350	-	40	-20/+100	BLUE FDA Approved

Please see separate page details on our range non reinforced and fabric reinforced **NITRILE** diaphragm sheetings

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 manufactured 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 pleased to offer for any special or custom requirements you may have.



NON SPECIFICATION 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
115	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
116	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
118	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓						
169		✓	✓		✓		✓	✓									
175		✓			✓			✓									

HIGH QUALITY GRADES TO INTERNATIONAL SPECIFICATIONS

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	30.0mm	
189			✓	✓	✓		✓		✓	✓								
190			✓	✓	✓	✓	✓		✓	✓		✓						
191			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓					
192			✓	✓	✓	✓	✓	✓	✓	✓		✓						
193			✓	✓	✓	✓	✓		✓	✓	✓							

HIGH QUALITY SPECIALITY 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	30.0mm	
209				✓	✓		✓		✓	✓								
211				✓	✓		✓		✓	✓								
212			✓		✓		✓		✓	✓	✓							
213			✓		✓		✓		✓	✓								
2494				✓			✓											

FDA FOOD & DRINK QUALITY 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
137	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓						
166		✓			✓			✓									

Please see separate page details on our range of non reinforced and fabric reinforced **NITRILE** diaphragm sheetings

Additional Product Information

Stock Standard Roll Sizes:-	Length	Width	Length	Tolerance		Thickness	Hardness
				Width	Thickness		
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°	

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.**

PLEASE REFER TO LATEST TECHNICAL DATA SHEETS FOR REFERENCE