


THIN NON REINFORCED DIAPHRAGM 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
204	EPDM	Black	60	1.15	10.0	35=00	NA	35	-30/+130	100% Premium Grade EPDM
206	NBR	Black	70	1.3	8.0	400	NA	30	-30/+110	100% Premium Grade Nitrile
208	CR	Black	60	1.3	6.0	400	NA	35	-30/+120	100% High Grade Neoprene

FABRIC REINFORCED 'COATED' 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
195CO	NBR	Black								Nitrile/1 ply Nylon
196CO	CR	Black								Neoprene / 1 ply Nylon
196GCO	CR	Black								Neoprene / 1 ply Glass Fabric
197CO	NR	Black								Natural Rubber / 1 ply Cotton

Please see individual data sheets covering above items and fabric strengths

FABRIC REINFORCED 'CALENDERED' 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
195CT	NBR-1 ply	Black	70	1.2	8.0	300	NA	35	-30/+100	British Standard BS2751/BA70 1 ply Nylon Fabric Insertion
196CT	CR-1 ply	Black	60	1.3	13.0	350	NA	25	-30/+120	British Standard BS2752/C60 1 ply Nylon Fabric Insertion

Above Data relates to rubber characteristics only - see separate data sheets on fabric strengths

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

Finish	Dual colour or compound surfaces
Fabric insertion	Various types of 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 and we would be please to offer for any special or custom requirements you may have.



THIN NON REINFORCED DIAPHRAGM GRADES

Grade	0.25mm	0.40mm	0.50mm	0.60mm	0.75mm	0.85mm	1.0mm	1.20mm	1.5mm	2.0mm	2.5mm	3.0mm	4.0mm	5.0mm	6.0mm
204			✓		✓										
206			✓		✓										
208			✓		✓										

FABRIC REINFORCED 'COATED' TYPES

Grade	0.25mm	0.40mm	0.50mm	0.65mm	0.75mm	0.85mm	1.0mm	1.20mm	1.5mm	2.0mm	2.5mm	3.0mm	4.0mm	5.0mm	6.0mm
195CO	✓	✓	✓	✓	✓		✓	✓							
196CO															
196GCO							✓								
197CO				✓											

FABRIC REINFORCED 'CALENDERED' TYPES

Grade	0.25mm	0.40mm	0.50mm	0.60mm	0.75mm	0.85mm	1.0mm	1.20mm	1.5mm	2.0mm	2.5mm	3.0mm	4.0mm	5.0mm	6.0mm
195CT								✓	✓	✓	✓	✓			
196CT									✓	✓	✓	✓		✓	✓

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:-

See individual data sheets on roll sizes and tolerances offered

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