



## BLACK NITRILE BS2751 BA 70

SM192 Black Nitrile to BS2751 BA70 is a high grade pure NBR (acrylonitrile butadiene) nitrile sheeting to British Standard BS2751/BA70 specification, made to exacting standards suitable for use with oils, fuels, greases and water, with excellent mechanical and physical characteristics.

Material Profile (see Data sheet)

- Thickness: 1mm to 10mm (other thicknesses on request)
- Sheet Size: 1.4m wide in 5m and 10m rolls
- Finish: Smooth finish
- Cutting: Standard press-tools
- This Product is REACH, RoHS, PAH and CE Compliant.

Other grades, colours and finishes are available - subject to minimum batch quantities

### TECHNICAL INFORMATION

Material	Nitrile – Spec Grade
Application	Chemical Resistant Oil/Fuel Resistant, Specification Grade Weather/Ozone
Shore hardness +/- 5°	70
Thickness	1mm 1.5mm 2mm 3mm 5mm 6mm 10mm
Temp range	-30°C -20°C -10°C +70°C +80°C +90°C +100°C +110°C +120°C
Colour	Black
Insertion Req	No
Cloth/Plate	Plate/Plate
Resistant To	Please Call

The stock roll size chart represents our standard range and items stated are not subject to any minimum batch quantities. Other size requirements for thickness, width, length or finish can be made to special order but would be subject to minimum production batch runs.

This normally would be: -

1mm-6mm thick – 100 linear metres

8mm-25mm thick – 50 linear metres

Over 25mm thick – 10 sheets

Further details given upon request.

Surface finish codes: -

SS – Smooth finish both sides

CC – Cloth impression both sides

CS – Cloth impression one side, smooth the other

<b>STOCK SHEET SIZES</b> (m x m x mm)	<b>SURFACE</b> (finish)	<b>WEIGHT</b> (kg/M2)	<b>SPECIFICATIONS</b> (compound)	<b>VALUES</b> (typical)
<b>1mm x 1400mm x 10m</b>	SS	1.4	Colour	Black
<b>1.5mm</b>	SS	2.10	Compound	NBR
<b>2mm</b>	SS	2.80	Density (specific gravity)	1.4
<b>2.5mm</b>	SS	3.50	Hardness (Degrees shore A)	70° +/-5°
<b>3mm</b>	SS	4.20	Tensile Strength (Mpa)	13.0
<b>5mm</b>	SS	7.00	Elongation at break	350
<b>6mm</b>	SS	8.40	Minimum Temperature	-30°C
<b>10mm</b>	SS	14.00	Maximum Temperature	+120°C
			Compression set (70°C for 22 hours)	25%