

NBR Nitrile / Nylon Diaphragm Rubber



NITDIA DATA SHEET

DELTA RUBBER LIMITED

Unit 21 Priory Industrial Park, Airspeed Road
Christchurch, Dorset, BH23 4HD

t: 01425 278011 www.deltarubber.co.uk deltasales@deltarubber.co.uk

Description

NBR Nitrile / Nylon Diaphragm sheet rubber is made using Nylon to reinforce black NBR Nitrile rubber, designed for sustained performance and longevity. This insertion sheet has an operational working temperature of -20°C and +100°C and is suitable for usage in a range of instances including where LPG and CNG, mineral oils, water and compressed air are present.

Technical Information

Elastomer Characteristics

Colour:	Black
Elastomer:	NBR Nitrile Rubber
Hardness:	75° ± 5° Shore A
Specific Gravity:	1.30 g /cm ³

Fabric Characteristics

Fabric:	PA 210 (235dTEXT)
Weight:	110 gm ² (±5%)
Thickness:	0.20mm (±.01%)
No. of Threads:	19 x 19cm

Coated Fabric Characteristics

Thickness:	0.65mm (±.07%)
Weight:	700 gm ² (±10%)
Tensile Strength:	Warp: 1000 N/5cm Weft: 1000 N/5cm
Elongation at Break:	Warp: 20% Weft: 20%
Adhesion:	20 N/cm
Temperature Range:	-20°C and +100°C

Thickness

0.3mm-0.8mm
(other thicknesses on request)

Sheet Size

1.4m wide x 5,10m
rolls

Finish

Plate

Cutting

Standard Press Tools

