

Technical Data Sheet

Natural Insertion Rubber Cotton

Features: Shuk Natural Insertion Rubber is a black, superior grade, 60 Duro blended Natural and Synthetic rubber sheet, reinforced with cotton fabric for improved tear resistance and dimensional stability.

It has good physical properties such as mechanical strength and tear strength and has moderate abrasion resistance making it suitable for general insulating or isolating and gasket sealing applications.

Applications: Shuk Natural Insertion Rubber has been designed primarily for use as a flexible strip, pad, lining or gasket and is mainly used for Sealing, Insulating, Isolation and Protecting steel or other surfaces. Its properties make it suitable for use in a wide range of application including:

- Flange gaskets on pipes and tanks
- Insulating strip
- Isolating barriers
- Dust seals and covers
- Variety of sealing applications

Dimensions:

GMNRI1.5	1.6mm Thick – 1 Ply
GMNRI3.0	3.2mm Thick – 1 Ply
GMNRI4.5	4.5mm Thick – 2 Ply
GMNRI6.0	6.4mm Thick – 2 Ply
GMNRI9.5	9.4mm Thick – 2 Ply
GMNRI3	3mm Thick (Nitrile Insertion Nylon Reinforced) – 1 Ply

Technical Information:

Polymer	NR/SBR	
Reinforcement	Cotton	
Colour	Black	
Specific Gravity	1.35	ASTM D297
Hardness	65 ° ± 5 ° Shore A	ASTM D2240
Abrasion	300 mm ³ (max) @ ION	ASTM D5963
Tensile Strength	7 MPa (min)	ASTM D412
Elongation at Break	350% (min)	ASTM D412
Compression Set	35%	ASTM D395 B
Tear Strength	30 N/mm (min)	ASTM D624
Temperature Range	- 25 ° C to + 70 ° C	