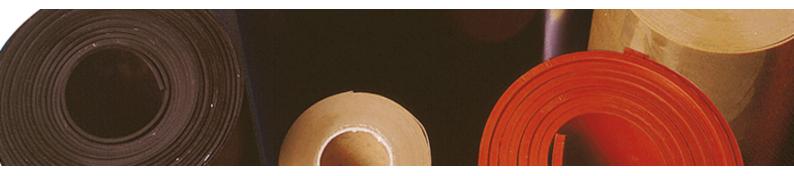


BS33 NBR





NITRILE 60 SHEETING FOR TECHNICAL APPLICATIONS

FEATURES

High grade 60 Shore A nitrile.

Gaskets or washers cutting and manufacturing of pieces for general industrial purpose applications in contact with mineral oils and hydrocarbons.

ADVANTAGES

- Excellent oil and grease resistance (maximum temperature +110°C)
- Excellent hydrocarbons resistance (aromatics content less than 30% and maximum temperature +20°C)
- Matte finish to guarantee a good surface finished quality and to secure an easy unrolling.

BENEFITS

- Reliability
- Safety
- Performance

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

	Measured characteristics	Standard	Value				
MECHANICAL							
	Rubber compound - black		NBR				
	Density		1.28 ±0.05	g/cm³			
Hardness		ASTM D2240	60 ±5	Shore A			
	Tensile strength		≥10	MPa			
	Elongation at break		≥350	%			
	Tear resistance		≥25	N/mm			
Compi	ISO 815-1	≤30	%				
TEMPERATURE							
		-25/+110	°C				
AGEING							
Δ Hardness after 70h at 70°C		ASTM D573	≤5	Shore A			
Δ Tensile strength after 70h at 70°C		ASTM D573	≤-15	%			
Δ Elongatio	ASTM D573	≤-40	%				
OIL RESISTANCE							
Oil IRM 901, Δ volume after 70h at 70°C		ISO 1817	≤5	%			
Oil IRM 903, Δ volume after 70h at 70°C		ISO 1817	≤20	%			
CHEMICAL RESISTANCE							
Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons				
Very good	Good	Medium	Very §	good			
IDENTIFICATION							
Branding	Without.						
Packaging	Thickness \leq 6mm rolled on cardboard tube Ø 80mm. Thickness $>$ 6mm in roll.						
Wrapping	Black polyethylene film.						
Labelling	Self-adhesive label indicating product name, dimensions, area in m², nominal weight, and product code to allow product traceability.						
Unless typographical error, information and figures of our technical datasheet are based on our experience and laboratory tests according to international standards. This data is intended to be used as a guideline only.							

Material performance depends on the conditions of use and the final application.

NBR N	IITRILE 60 SHEETING	BS33		
THICKNESS	WIDTH mm	LENGTH m	WEIGHT kg/m²	SIDES FINISH
2±0.3	1400 ± 2 %	15 ± 2 %	2.59	2 SIDES MATT
3±0.3	1400 ± 2 %	10 ± 2 %	3.88	2 SIDES MATT
4±0.4	1400 ± 2 %	10 ± 2 %	3.84	2 SIDES MATT

