GREYFINE NR

MEDIUM WEAR SHEETING FINE GRAIN SIZE MATERIAL

FEATURES
Wear resistant natural rubber, grey.

APPLICATIONS
Hoppers, chutes, operating cyclones, vibrating lines, silos, etc., linings to protect equipment against very abrasive fine grain size products wear, due to their very nature (rock, wood, metal, all fine particle size materials, chemical products, etc.), density and hardness (medium to high), forms (fine particles, bulks, etc.), with dry conditions and maximum temperature +70°C.

Manufacturing of rubber skirts.

Hanging panels fostering materials cleaning and removal.

Areas of activity: sand and gravel quarries, aggregate and cement industries, concrete plants, etc.

ADVANTAGES
- Excellent mechanical properties: tensile strength, elongation at break, tear resistance, abrasion, etc.
- Excellent resistance to fine grain size products projection and fretting wear: sand, shot blasting, fine particles, abrasive dust, etc.
- Corrosion protection
- Noise and vibration propagation reduction
- Possibility to be produced with bonding layer for cold vulcanizing or with steel backing for mechanical fixing

BENEFITS
- Performance
- Safety
- Reliability
- Service life

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics	Standard	Value	
MECHANICAL			
Rubber compound - grey		NR R488	
Density		1.05 ±0.05	g/cm³
Hardness	ASTM D2240	40 ±5	Shore A
Tensile strength	ISO 37	≥16	MPa
Elongation at break	ISO 37	≥600	%
Abrasion resistance (5N)	ISO 4649	≤80	mm³
Compression set after 24h at 70°C	ISO 815-1	≤30	%
TEMPERATURE			
Working temperature		-40/+85	°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 Elongation at break after 70h at 70°C	ASTM D573	≤-20	%

CHEMICAL RESISTANCE			
Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons
Very good	Good	Medium	Non suitable

IDENTIFICATION	
Branding	Without.
Packaging	Thickness ≤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.

NR	MEDIUM WEAR SHEETING	GREYFINE	

THICKNESS mm	WIDTH mm	LENGTH m	WEIGHT kg/m²	SIDES FINISH
3 ±0.3	1400 ± 2 %	10 ± 2 %	3.09	2 SMOOTH SIDES
4 ±0.4	1400 ± 2 %	10 ± 2 %	4.35	2 SMOOTH SIDES
5 ±0.4	1400 ± 2 %	10 ± 2 %	5.44	2 SMOOTH SIDES
6 ±0.5	1400 ± 2 %	10 ± 2 %	6.53	2 SMOOTH SIDES
8 ±0.7	1400 ± 2 %	10 ± 2 %	8.7	2 SMOOTH SIDES
10 ±1.0	1400 ± 2 %	10 ± 2 %	10.88	2 SMOOTH SIDES
12 ±1.0	1400 ± 2 %	5 ± 2 %	13.06	2 SMOOTH SIDES
15 ±1.0	1400 ± 2 %	5 ± 2 %	16.32	2 SMOOTH SIDES

TRELLEBORG