SANDWICH NR



SPECIAL WEAR SHEETING SCRAPERS

FEATURES
Natural rubber scraper: one third black/ one third red/ one third black.
Abrasion and cut resistant outer layer, providing a scraping a cleaning effect.
Red damping middle layer.

APPLICATIONS
Intended for conveyor belt cleaning of materials, such as sand, ores, coal, sludge, soil, etc.

Excellent to remove wet and sticky materials.

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

ADVANTAGES
- Efficient cleaning action and uniform wear of conveyor belt
- Improvement of conveyor belt service life
- Flexibility

BENEFITS
- Service life
- Safety
- Cleanliness

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics	Standard	Value	
MECHANICAL			
Rubber compound - black - red - black		NR R698 R492 R698	
Density		1.15 ±0.05	g/cm³
Hardness	ASTM D2240	60/45/60 ±5	Shore A
Tensile strength	ISO 37	≥15	MPa
Elongation at break	ISO 37	≥400	%
Tear resistance	ISO 34-1	≥35	N/mm
Abrasion resistance (5N)	ISO 4649	≤130	mm³
Compression set after 22h at 70°C	ISO 815-1	≤35	%
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	≤-25	%

CHEMICAL RESISTANCE

Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons
Good	Medium	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	SPECIAL WEAR SHEETING	SANDWICH			
THICKNESS mm	WIDTH mm	LENGTH m	WEIGHT kg/m²	SIDES FINISH	
10 ±1.0	1400 ± 2 %	10 ± 2 %	11.34	2 SMOOTH SIDES	
12 ±1.0	1400 ± 2 %	10 ± 2 %	13.31	2 SMOOTH SIDES	
15 ±1.0	1400 ± 2 %	10 ± 2 %	16	2 SMOOTH SIDES	
20 ±1.4	1400 ± 2 %	10 ± 2 %	22.19	2 SMOOTH SIDES	
25 ±1.75	1400 ± 2 %	10 ± 2 %	28.5	2 SMOOTH SIDES	

TRELLEBORG