

SANDWICH NR

16/07/2014



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.

ADVANTAGES

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

BENEFITS

- Service life
- Safety
- Cleanliness

APPLICATIONS

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

Excellent to remove wet and sticky materials.

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

www.trelleborg.com/elastomerlaminates

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics		Standard	Value	
MECHANICAL				
<i>Rubber compound - black red black</i>			NR	R698
				R492
				R698
<i>Density</i>			1.15 ± 0.05	g/cm ³
<i>Hardness</i>		ASTM D2240	60/45/60 ± 5	Shore A
<i>Tensile strength</i>		ISO 37	≥ 15	MPa
<i>Elongation at break</i>		ISO 37	≥ 400	%
<i>Tear resistance</i>		ISO 34-1	≥ 35	N/mm
<i>Abrasion resistance (5 N)</i>		ISO 4649	≤ 130	mm ³
<i>Compression set after 22 h at 70 °C</i>		ISO 815-1	≤ 35	%
TEMPERATURE				
<i>Working temperature</i>			- 40/+ 85	°C
AGEING				
<i>Δ Hardness after 70 h at 70 °C</i>		ASTM D573	≤ 5	Shore A
<i>Δ Tensile strenght after 70 h at 70 °C</i>		ASTM D573	≤ - 15	%
<i>Δ Elongation at break after 70 h at 70 °C</i>		ASTM D573	≤ - 25	%
CHEMICAL RESISTANCE				
<i>Diluted acids and bases</i>	<i>Concentrated acids and bases</i>	<i>Ozone</i>	<i>Oils and hydrocarbons</i>	
Good	Medium	Medium	Non suitable	

DIMENSIONS

Thickness (mm)		Width (mm)		Length (m)		Weight (kg/m ²)	Sides finish
10	± 1.0	1400	± 2 %	10	± 2 %	11.50	2 smooth sides
12	± 1.0	1400	± 2 %	10	± 2 %	13.80	2 smooth sides
15	± 1.0	1400	± 2 %	10	± 2 %	17.25	2 smooth sides
20	± 1.4	1400	± 2 %	10	± 2 %	23.00	2 smooth sides
25	± 1.75	1400	± 2 %	10	± 2 %	28.75	2 smooth sides

IDENTIFICATION

<i>Branding</i>	Without.
<i>Packaging</i>	Thickness ≤ 6 mm rolled on cardboard tube Ø 80 mm. Thickness > 6 mm in roll.
<i>Wrapping</i>	Black polyethylene film.
<i>Labelling</i>	Self-adhesive label indicating product name, dimensions, area in m ² , nominal weight, and product code to allow product traceability.