



# 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 engineering, 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/m <sup>2</sup>	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	

