

# GREENSKIRT NR

16/07/2014



## SPECIAL WEAR SHEETING: GREEN SKIRTING

### FEATURES

Natural rubber, 55 Shore A, green.

### ADVANTAGES

- Flexible
- Good wear resistance

### BENEFITS

- Reliability
- Service life
- Safety
- Economy

### APPLICATIONS

Manufacturing of rubber skirts to:


- ensure sealing at conveyor belts loading points
- center materials
- protect against lateral projections (no continuous contact with the conveyor belt)
- be used as a scraper blade

Suitable for fine grain size products as crushed limestone, cement, damp gravels, marine salt, wet sand, etc.

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

[www.trelleborg.com/elastomerlaminates](http://www.trelleborg.com/elastomerlaminates)

## MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

	Measured characteristics	Standard	Value
<b>MECHANICAL</b>			
	Rubber compound - green		NR R570 
	Density		1.20 ± 0.05 g/cm <sup>3</sup>
	Hardness	ASTM D2240	55 ± 5 Shore A
	Tensile strength	ISO 37	≥ 13 MPa
	Elongation at break	ISO 37	≥ 450 %
	Tear resistance	ISO 34-1	≥ 30 N/mm
	Abrasion resistance (5 N)	ISO 4649	≤ 170 mm <sup>3</sup>
	Compression set after 22 h at 70 °C	ISO 815-1	≤ 40 %

### TEMPERATURE

	Working temperature		- 40/+ 80 °C
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### AGEING

	Δ Hardness after 70 h at 70 °C	ASTM D573	≤ 5 Shore A
	Δ Tensile strenght after 70 h at 70 °C	ASTM D573	≤ - 15 %
	Δ Elongation at break after 70 h at 70 °C	ASTM D573	≤ - 25 %

### CHEMICAL RESISTANCE

Diluted acids and bases	Concentrated acids and bases	Ozone	Oils and hydrocarbons
<b>Good</b>	<b>Medium</b>	<b>Medium</b>	<b>Non suitable</b>

### DIMENSIONS

Thickness (mm)		Width (mm)		Length (m)		Weight (kg/m <sup>2</sup> )	Sides finish
6	± 0.5	1400	± 2 %	10	± 2 %	7.20	2 smooth sides
8	± 0.7	1400	± 2 %	10	± 2 %	9.60	2 smooth sides
10	± 1.0	1400	± 2 %	10	± 2 %	12.00	2 smooth sides

### IDENTIFICATION

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