



BLACKSKIRT NR



SPECIAL WEAR SHEETING SKIRTING

FEATURES

Natural rubber, 50 Shore A, black.

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, etc.

ADVANTAGES

- ▮ Flexible
- ▮ Good wear resistance

BENEFITS

- ▮ Reliability
- ▮ Service life
- ▮ Safety
- ▮ Economy

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

| Measured characteristics | | Standard | Value | |
|------------------------------------|------------|----------|------------|---------|
| MECHANICAL | | | | |
| Rubber compound - black | | | NR | R439 |
| Density | | | 1.18 ±0.05 | g/cm³ |
| Hardness | ASTM D2240 | | 50 ±5 | Shore A |
| Tensile strength | ISO 37 | | ≥8.5 | MPa |
| Elongation at break | ISO 37 | | ≥400 | % |
| Tear resistance | ISO 34-1 | | ≥30 | N/mm |
| Abrasion resistance (5N) | ISO 4649 | | ≤125 | mm³ |
| Compression set after 22h at 70 °C | ISO 815-1 | | ≤40 | % |

TEMPERATURE

| | | |
|---------------------|---------|----|
| Working temperature | -40/+70 | °C |
|---------------------|---------|----|

AGEING

| | | | |
|--|-----------|------|---------|
| Δ Hardness after 70h at 70 °C | ASTM D573 | ≤8 | Shore A |
| Δ Tensile strength after 70h at 70 °C | ASTM D573 | ≤-20 | % |
| Δ Elongation at break after 70h at 70 °C | ASTM D573 | ≤-35 | % |


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 | BLACKSKIRT |  | |
|-----------------|-----------------------|-------------|---|----------------|
| THICKNESS mm | WIDTH mm | LENGTH m | WEIGHT kg/m ² | SIDES FINISH |
| 2±0.3 | 1400±2 % | 15±2 % | 2.41 | 2 SMOOTH SIDES |
| 3±0.3 | 1400±2 % | 10±2 % | 3.6 | 2 SMOOTH SIDES |
| 4±0.4 | 1400±2 % | 10±2 % | 4.81 | 2 SMOOTH SIDES |
| 5±0.4 | 1400±2 % | 10±2 % | 6.01 | 2 SMOOTH SIDES |
| 6±0.5 | 1400±2 % | 10±2 % | 7.22 | 2 SMOOTH SIDES |
| 8±0.7 | 1400±2 % | 10±2 % | 9.6 | 2 SMOOTH SIDES |
| 10±1.0 | 1400±2 % | 10±2 % | 12.03 | 2 SMOOTH SIDES |
| 12±1.0 | 1400±2 % | 5±2 % | 14.4 | 2 SMOOTH SIDES |
| 15±1.0 | 1400±2 % | 5±2 % | 18.04 | 2 SMOOTH SIDES |

