

## RACLOPREMA 600

Rubber yellow, abrasion resistant

### TECHNICAL FEATURES

Excellent mechanical properties: tensile strength, elongation at break, tear propagation resistance, abrasion resistance, etc.  
 Excellent resistance to fine-grained media, protection against abrasive media: sand, sandblasting, fine media, sanding dust etc.  
 Corrosion protection.  
 Reduction of the influence of noise and vibration.  
 Can also be made with contact layer to be fixed cold or on a metal plate.

### ADVANTAGES

Execution.  
 Security.  
 Reliability  
 Period of use.

### APPLICATION

Lining of containers, e.g. Funnels, gutters, conveyor belts, pump housings, tanks, silos etc. to avoid wear due to very aggressive products such as:

- Boulders, wood and chemical products.
- Fine-grained media.
- Chemical products.
- medium to high density media.
- Media with medium to high hardness.
- Fine dry media with a max. Temperature of +70 ° C.

Can be used as a protective curtain during cleaning and disposal work.

**Applications:** Quarries, gravel pits, cement and concrete industries etc.

### Mechanical, physical and chemical properties

		Examination after	Value
<b>Mechanical properties</b>			
Yellow Rubber			<b>Racloprema</b>
Density			1.05 ± 0.05 g/cm <sup>3</sup>
Hardness		ASTM D2240	45 ±5 Shore A
Tensile strength		ISO 37	≥16 MPa
Elongation		ISO 37	≥ 600 %
Further tear resistance		ISO 34-1	≥ 25 N/mm
Abrasion resistance		ISO 4649	≤ 83 mm <sup>3</sup>
Compression set after 22 h at 70 ° C		ISO 815-1	≤ 30 %
<b>Temperature</b>			
Operating temperature			-40/+85 °C
<b>Behavior after aging</b>			
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 after 70 hours at 70 ° C		ASTM D573	≤ 25 %
<b>Chemical resistance</b>			
<b>Diluted acids and bases</b>	<b>Concentrated acids and bases</b>	<b>Ozone</b>	<b>Oils and hydrocarbons</b>
Very well	Good	Acceptabel	Not recommended
<p><u>Standard Rolls:</u></p> <p><b>10'000x1'500mm (± 2%)</b></p> <p><u>Width in mm:</u> 10,15 and 20mm (±1.0)</p>			