

# GOLDLINE<sup>®</sup>

## PREMIUM 38

20/01/2021



### HIGH WEAR RESISTANT SHEETING: FINE GRAIN SIZE

#### FEATURES

Wear resistant, Natural rubber, Gold colour.

#### ADVANTAGES

- Superior mechanical properties: tensile strength, elongation at break, tear resistance, abrasion, etc.
- Excellent resistance to fine particle size abrasion. Slurry, sand blasting, fine particles, abrasive dust, etc.
- Great flexibility and resilience
- Corrosion protection
- Noise and vibration propagation reduction
- Produced with bonding layer or buffed back for easier adhesive fixing

#### BENEFITS

- Performance
- Economy: reduce downtime and maintenance costs
- Long service life: lower hourly costs
- Reliability


#### APPLICATIONS

Hoppers, chutes, hydrocyclones, vibrating lines, washing plants, slurry lines, extraction pump bodies, tanks, silos, linings to protect equipment against abrasive fine grain size particle wear. All particulate materials including process minerals, sand, wood, metal, chemical products, etc.), density and hardness (medium to high), forms (fine particles, bulks, etc.), in wet or dry conditions and maximum temperature 80 °C.

#### INDUSTRIES

General mining, mineral processing, sand and gravel quarries, aggregate and cement industries, concrete plants, etc.

### MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Average measured production characteristics	Standard	Value	
<b>MECHANICAL</b>			
Rubber compound - Gold			
Density		0.96 ±0.05	g/cm <sup>3</sup>
Hardness	ASTM D2240	38	Shore A
Tensile strength	ISO 37	29	MPa
Elongation at break	ISO 37	780	%
Tear resistance	ISO 34-1	33	N/mm
Abrasion resistance (5N)	ISO 4649	50	mm <sup>3</sup>
Compression set after 22h at 70°C	ISO 815-1	30	%
<b>TEMPERATURE</b>			
Working temperature		-40/+80	°C
<b>AGEING</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 at break after 70h at 70°C	ASTM D573	≤-25	%
<b>CHEMICAL RESISTANCE</b>			
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> )	Backing Layer	
		Bonding Layer	Buffed					
3	±0.3	1500	1400	±2%	13	±2%	2.9	Bonding Layer or Buffed
6	±0.5	1500	1400	±2%	13	±2%	5.76	Bonding Layer or Buffed
10	±0.7	1500	1400	±2%	13	±2%	9.60	Bonding Layer or Buffed
12	±1.0	1500	1400	±2%	13	±2%	11.50	Bonding Layer or Buffed
20	±1.4	1500	1400	±2%	6	±2%	19.2	Bonding Layer or Buffed
25	±1.75	1500	1400	±2%	6	±2%	23.75	Bonding Layer or Buffed

#### IDENTIFICATION

Branding	Trelleborg logo embossed on one side
Packaging	All thickness rolled on cardboard tube Ø 200mm. Bonding layer internal side protected by a white polypropylene film, easily removable by hand.
Wrapping	Black high strength polyethylene fabric with Trelleborg brand tape.
Labelling	Self-adhesive label indicating product name, dimensions, area in m <sup>2</sup> , nominal weight, and product code to allow product traceability - Circumferentially applied identification tape.