



# DENAISS® Latex Phase Compounded Rubber

## Technical Specifications

### Design Features

- Superior slurry abrasion resistance
- Good combination of mechanical strength
- High coefficient of friction
- High resilience and low modulus
- Corrosion resistance to a wide range of chemicals
- Excellent resistance to cutting and tearing
- Environmentally friendly

### Methods of Application

- Hot Vulcanized
- Cold Bonded
- High Temperature and Pressure Moulded

### Applications

- Slurry Pipe lining
- Slurry Hoses
- Slurry Pumps
- Slurry Valve Liners
- Hydro-cyclones Liners
- Slurry Tank Linings
- Screen Decks
- Filter Presses

### Available Size

- Standard sheet size:  
9.25 m × 1.23 m nominal  
(approx. 30 ft × 4 ft)
- Standard thickness range:  
1.5 mm to 35.0 mm  
(approx.  $\frac{1}{16}$  to  $1\frac{3}{8}$  inch)



*Truly green rubber.*

*Offering primary protection of the mining process equipment from abrasion and corrosion.*

### Physical Properties

Inspection Type	Test Standard	DENAISS® Latex Rubber
Tesile Strength (MPa)	ISO 37: 2011	> 26
Elongation (%)	ISO 37: 2011	> 820
Tear Strength (N/mm)	ASTM D624-00-2012	> 45
Hardness (SHA)	ISO 48-2010	35±3
Specific Gravity (g/cm <sup>3</sup> )	ISO 2781-2008	0.95~0.98
Resilient Rate (%)	BS 903-Part A8:1990	> 80
Wet Abrasion Index		1.0~1.2
Operating Temperatures (continuous use)		-40°C~70°C

### Proven Superior Fine Slurry Abrasion-Resistance

**DENAISS® Latex Phase Compounded Rubber** is a 95%-above natural rubber with outstanding performance in resistance to wet abrasion, tearing and cutting. The unique **Latex Liquid Phase Compounded Process** gives our premium latex rubber extraordinary physical properties and outstanding performance, making **DENAISS® Latex Rubber** the top-quality wear-resistant rubber for wet abrasion services especially in mining slurry transportation by significantly lowering the costs for our customers.

**DENAISS® Latex Rubber** is a **renewable** resource and environmentally friendly, which uses NR latex to **minimize** impacts on environment and energy while **maximizing** safety, reliability and operational efficiency.

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