

**GERMAN  
ENGINEERED**

## Sheet Lining Rubber : (Wenco Indication Layer Rubber)

Wenco sheet Lining Rubber products are designed specifically for the mining/quarry industry globally to protect the processing and material handling plant and equipment from wear, tear, and impact. Using standard rubber, you have no idea when the rubber lining needs to be scheduled for maintenance.

**Less  
Downtime****Higher System  
Availability**

Wenco produces a highly reliable sheet lining rubber that has an indication layer and helps the maintenance personnel for a clear identification of the wear on the rubber and now has become a safety push to use Wenco rubber lining on sites.

Wenco has a highly experienced technical team to advise the best rubber lining solution based on the application requirement of the site.

**Increased  
Throughput****Additional  
Profit**

### Rubber Lining, Conveyors & Ceramics

The above values are approximate value only and should be used as a guideline only.  
Wenco reserves the right to make specification changes without notice or without incurring liability.

T +61 8 9267 5509  
E salesrlc@wenco.com.au

1 Ladner Street  
O'Connor 6163, Western Australia

## WENCO IL (Indication Layer) 35 Rubber Lining:

WencoIL35 is a premium grade rubber which is a combination of natural and synthetic rubber polymers. Wenco IL35 is excellent product for gravel handling equipment. Wenco IL35 is highly flexible and provides excellent resistance to cutting, tear and particle abrasion.

### Premium Features

- Wenco Indication layer 35 comes with indication layer (Black top and orange indication layer) for safety & reliability
- Wenco Indication Layer 35 comes with a German Engineered grey bonding layer for ease of bonding and fast installation
- Wenco IL35 comes with a UV-Light protective plastic back for maximum protection

### Advantages

Wenco IL35 comes with various benefits for the Mining Industry

- High quality rubber lining with high flexibility and strength due to a rich polymer content
- Availability in various thicknesses as per request from the client
- Engineered with indicator layers to predict failure and minimise thickness testing in confined spaces
- Multiple solutions for slurry and fine particle abrasion
- applications
- Economical solutions for OEM applications
- Grey bonding layer in special designed hardness for maximum adhesion
- Less wastage as the roll size is 1.5 metres wide x 10 meters long
- Wenco IL35 is purely manufactured under press curing


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WENCO IL (Indication Layer) 35						
Item Code	Thickness (mm)	Thickness of Surface Layer (mm)	Thickness (mm) of Wear Indicator (including Bonding Layer)	Width (mm)	Length (mm)	Weight (Kg/m <sup>2</sup> )
5492510	3	1	2	1500	10000	3.64 (Kg/m <sup>2</sup> )
5492511	6	4	2	1500	10000	6.70 (Kg/m <sup>2</sup> )
5492512	10	6	4	1500	10000	10.78 (Kg/m <sup>2</sup> )
5492513	12	8	4	1500	10000	12.82 (Kg/m <sup>2</sup> )
5492514	20	16	4	1500	10000	20.98 (Kg/m <sup>2</sup> )

## Applications

- Coating for non-driven pulleys as a build-up protection
- Transfer Socks
- Tank, hopper and chute lining
- Pipe duct lining
- Floatation cell lining
- Valve and cyclone linings
- Launder lining
- Gaskets & Seals
- Wear protection for screen components
- Noise reduction

WENCO IL (Indication Layer) 35					Technical Properties
Shore Hardness	ASTM D2240	ISO 7619	DIN 53505		35° ± 5 Shore A
Modulus @ 500% (MPa)					
Abrasion	ASTM D5963	ISO 4649	DIN 53516		130 mm <sup>3</sup> (maximum)
Tensile Strength (MPa)	ASTM D412	ISO 37	DIN 53504		14.8 MPa (minimum)
Tear Strength (N/mm)	ASTM D624	ISO 34			28 N/mm (minimum)
Elongation @ Break	ASTM D412	ISO 37	DIN 53504		680% (minimum)
Resilience	ASTM D2632	ISO 4662			58 % (minimum)
Colour					Black for the top material & Red is the indication layer and then grey bonding layer
Specific gravity	ASTM D297	ISO 2781			0.99
Operating Temperatures (Continuous use)				-20°C to +70°C	Passed
Grey Bonding Layer					
Shore Hardness	ISO 48 – 1994			40	40 ± 5°
Adhesion Strength	ISO 48 – 1994			38	12 N/mm (minimum)



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