



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.



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.

**Less
Downtime**

**Higher System
Availability**

**Increased
Throughput**

**Additional
Profit**



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



**Less
Downtime**

**Higher System
Availability**

**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.

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**GERMAN
ENGINEERED**
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 ²)
5492510	3	1	2	1500	10000	3.64 (Kg/m ²)
5492511	6	4	2	1500	10000	6.70 (Kg/m ²)
5492512	10	6	4	1500	10000	10.78 (Kg/m ²)
5492513	12	8	4	1500	10000	12.82 (Kg/m ²)
5492514	20	16	4	1500	10000	20.98 (Kg/m ²)

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
- Launderers 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 ³ (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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WENCO IL (Indication Layer) 40 Rubber Lining:

Wenco IL 40 rubber lining is a premium rubber lining suitable for wet and dry applications. Wenco IL40 is highly elastic and provide excellent resistance to cutting and tearing. Wenco IL 40 also assists in eliminating build up.

Premium Features

- Wenco Indication layer 40 comes with indication layer (Black top and orange indication layer) for safety & reliability
- Wenco Indication Layer 40 comes with a German engineered grey bonding layer for ease of bonding and fast installation
- Wenco IL40 comes with a UV-Light protective Plastic back for maximum protection

Advantages

Wenco IL 40 comes with various benefits for the Mining Industry

- Easier and faster installation capability
- Universal applications
- High quality rubber lining with high flexibility and strength
- 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 x10 meters long
- Wenco IL40 is purely manufactured under press curing



**Less
Downtime**

**Higher System
Availability**

**Increased
Throughput**

**Additional
Profit**




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WENCO IL (Indication Layer) 40

Item Code	Thickness (mm)	Thickness of Surface Layer (mm)	Thickness (mm) of Wear Indicator (including Bonding Layer)	Width (mm)	Length (mm)	Weight(Kg/m ²)
5492522	3	1	2	1500	10000	3.8 (Kg/m ²)
5492523	6	4	2	1500	10000	7.1 (Kg/m ²)
5492524	10	6	4	1500	10000	11.5 (Kg/m ²)
5492525	12	8	4	1500	10000	13.7 (Kg/m ²)
5492526	20	16	4	1500	10000	22.5 (Kg/m ²)

Applications

- Bunker Lining for wet 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
- Launderers lining
- Wear protection for screen components
- Noise reduction

WENCO IL (Indication Layer) 40
Technical Properties

WENCO IL (Indication Layer) 40				Technical Properties
Shore Hardness	ASTM D2240	ISO 7619	DIN 53505	40° ± 5 Shore A
Modulus @ 500% (MPa)				
Abrasion	ASTM D5963	ISO 4649	DIN 53516	126 mm ³ (max)
Tensile Strength (MPa)	ASTM D412	ISO 37	DIN 53504	18.2 MPa (minimum)
Tear Strength (N/mm)	ASTM D624	ISO 34		34 N/mm (minimum)
Elongation @ Break	ASTM D412	ISO 37	DIN 53504	650% (minimum)
Resilience	ASTM D2632	ISO 4662		52 % (minimum)
Colour				Black for the top material & Orange is the indication layer and then grey bonding layer
Specific gravity	ASTM D297	ISO 2781		1.08
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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WENCO IL (Indication Layer) 60 Rubber Lining:

Our high quality Wenco Indication Layer 60 avoids unnecessary downtime by providing excellent surface protection for the equipment's in the materials handling industry.

Wenco Indication Layer 60 is a reinforced natural rubber product that has been designed to provide extremely high resilience to abrasion, large particle gouge, tear and cut.

Premium Features

- Wenco Indication layer 60 comes with indication layer (Black top and orange indication layer) for safety & reliability
- Wenco Indication Layer 60 comes with a German Engineered grey bonding layer for ease of bonding and fast installation
- Wenco IL60 comes with a UV-Light Protection plastic back for maximum protection

Advantages

Wenco IL 60 comes with various benefits for the Mining Industry

- High quality rubber Lining with high impact resistance and strenght due to a rich polymer content
- Protects from impact wear abrasion in dry areas.
- Engineered with indicator layers to predict failure and minimise thickness testing in confined spaces
- Easier and faster installation capability
- Universal applications
- Availability in various thicknesses as per request from the client
- 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 10meters long
- Wenco IL60 is purely manufactured under press curing



**Less
Downtime**

**Higher System
Availability**

**Increased
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WENCO IL (Indication Layer) 60

Item Code	Thickness (mm)	Thickness of Surface Layer (mm)	Thickness (mm) of Wear Indicator (including Bonding Layer)	Width (mm)	Length (mm)	Weight(Kg/m ²)
5492516	3	1	2	1500	10000	3.86 (Kg/m ²)
5492517	6	4	2	1500	10000	7.25 (Kg/m ²)
5492518	10	6	4	1500	10000	11.77 (Kg/m ²)
5492519	12	8	4	1500	10000	14.03 (Kg/m ²)
5492520	20	16	4	1500	10000	23.07 (Kg/m ²)

Applications

- Tank, hopper and chute lining
- Truck Bodies
- Transfer Socks
- Screen components
- Impact Curtains
- Pipe duct lining
- Flotation cell lining
- Lagging of conveyor pulleys and non-drive idlers
- Wear protection for screen components
- Noise reduction

WENCO IL (Indication Layer) 60
Technical Properties

Shore Hardness	ASTM D2240	ISO 7619	DIN 53505		60 ± 5 Shore A
Modulus @ 500% (MPa)					
Abrasion	ASTM D5963	ISO 4649	DIN 53516		65 mm ³ (maximum)
Tensile Strength (MPa)	ASTM D412	ISO 37	DIN 53504		18.5 Mpa (minimum)
Tear Strength (N/mm)	ASTM D624	ISO 34			82 N/mm (minimum)
Elongation @ Break	ASTM D412	ISO 37	DIN 53504		520% (minimum)
Resilience	ASTM D2632	ISO 4662			45 % (minimum)
Colour					Black for the top material & Orange is the indication layer and then CN bonding
Specific gravity	ASTM D297	ISO 2781			1.12
Specific weight					To Be confirmed
Operating Temperatures (Continuous use)				-20°C to +70°C	Passed

Grey Bonding Layer

Shore Hardness	ISO 48 – 1994			60	40 ± 5°
Adhesion Strength	ISO 48 – 1994			38	12 N/mm (minimum)



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