



OUR RUBBER SHEETS FOR PULLEY LAGGING



The range of **drum coverings in rubber and ceramic** was designed for every type of application and possible condition. **Easy to work and apply**, extremely high performance, Sati Group coverings **increase the lifecycle of conveyor belts and reduce problems** such as slipping, material loss and high maintenance costs. Another big advantage of Sati Group **coverings is the raw neoprene sub-layer** that gives exceptional **rubber metal attachment** and is fast to work. Reinforced by our vast experience on the market, we have carefully researched a line of drum coverings for all our clients' needs. **We can also design and develop**, thanks to our **new solution** partners who are always ready to research innovation, which we have been achieving for over 50 years.



Italian experience and know-how for over 50 years...





USE

Pulley lagging for textile conveyor belts with medium-low voltage

ADVANTAGES

Reduces slipping between the drum and the conveyor belt, lengthening the belt lifecycle, helping to keep the drum clean of water and mud, protecting the drum from atmospheric agents and reducing noise level.

+ → mm.	STOCK	m	₩₩₩ m
8	٠	2.0	15
10	٠	2.0	15

TECHNICAL SPECIFICATIONS

COLOUR	SPECIFIC	HARDNESS	TENSILE STRENGTH	ELONGATION	ABRASION LOSS
	WEIGHT	Standards ASTM D2240	Standards ASTM D412	Standards ASTM D2240	Standards ASTM D412
BLACK	1.2 g/cm ³	60 Shore A	100 Kg/cm ²	300 %	<150 mm ³

L/RQ square profile 20x20 with bonding layer



USE

Pulley lagging for textile conveyor belts with medium-low voltage

ADVANTAGES

Reduces slipping between the drum and the conveyor belt, lengthening the belt lifecycle, helping to keep the drum clean of water and mud, protecting the drum from atmospheric agents and reducing noise level.

<u>+</u> mm.	STOCK	i m	₩ m
8	۰	1.5	15
10	۰	1.5	15

TECHNICAL SPECIFICATIONS SPECIFIC HARDNESS TENSILE STRENGTH ELONGATION ABRASION LOSS COLOUR WEIGHT Standards ASTM D2240 Standards ASTM D412 Standards ASTM D2240 Standards ASTM D412 1.2 g/cm° 60 Shore A 100 Kg/cm² 300 % <150 mm³

L/RG rhomboid profile 50x50 with bonding layer



USE

Pulley lagging for very long textile conveyor belts for big diameter drums, for high voltage textile belts and for low voltage metal belts.

ADVANTAGES

Reduces slipping between the drum and the conveyor belt, lengthening the belt lifecycle, helping to keep the drum clean of water and mud, protecting the drum from atmospheric agents and reducing noise level.

+ ↑ mm.	STOCK	i m	₩
8		1.5	15
10		1.5	15

TECHNICAL SPECIFICATIONS

COLOUR	SPECIFIC	HARDNESS	TENSILE STRENGTH	ELONGATION	ABRASION LOSS
	WEIGHT	Standards ASTM D2240	Standards ASTM D412	Standards ASTM D2240	Standards ASTM D412
BLACK	1.2 g/cm ³	60 Shore A	100 Kg/cm ²	300 %	<150 mm ³



L/RE rhomboid profile LD 20x20 with bonding layer



USE

Pulley lagging for textile conveyor belts with medium-low voltage

ADVANTAGES

Reduces slipping between the drum and the conveyor belt, lengthening the belt lifecycle, helping to keep the drum clean of water and mud, protecting the drum from atmospheric agents and reducing noise level.

→ → mm.	STOCK	m	₩₩₩ m
8	٠	2.0	15
10	٠	2.0	15

TECHNICAL SPECIFICATIONS

COLOUR	SPECIFIC	HARDNESS	TENSILE STRENGTH	ELONGATION	ABRASION LOSS
	WEIGHT	Standards ASTM D2240	Standards ASTM D412	Standards ASTM D2240	Standards ASTM D412
BLACK	1.3 g/cm ³	60 Shore A	60 Kg/cm ²	300 %	<250 mm ³

L/QE square profile LD 20x20 with bonding layer



USE

Pulley lagging for textile conveyor belts with medium-low voltage

ADVANTAGES

Reduces slipping between the drum and the conveyor belt, lengthening the belt lifecycle, helping to keep the drum clean of water and mud, protecting the drum from atmospheric agents and reducing noise level.

<u>+</u> mm.	STOCK	m m	₩₩₩ m
8	۰	1.5	15
10	۰	1.5	15

SPECIFIC ABRASION LOSS HARDNESS TENSILE STRENGTH ELONGATION COLOUR WEIGHT Standards ASTM D2240 Standards ASTM D2240 Standards ASTM D412 Standards ASTM D412 BLACK 1.3 g/cm[°] 60 Shore A 60 Kg/cm² <250 mm³ 300 %

L/RC drum covering with ceramic inserts 6x25x25 with bonding layer



USE

Pulley lagging for very long textile conveyor belts with very high traction, for metal belts with high voltage, mainly for the mining and cement production sectors.

ADVANTAGES

It guarantees greater traction compared to traditional rubber coverings, ideal for applications that include high presence of water and mud, a high level of self-cleaning, very high resistance against atmospheric agents, lifecycle of the belt and the covering itself superior to rubber coverings.

 ≁ mm.	STOCK	i m	₩₩₩₩ m
12	۰	385	10

TECHNICAL SPECIFICATIONS

COLOUR	SPECIFIC WEIGHT	HARDNESS Standards ASTM D2240	TENSILE STRENGTH Standards ASTM D412	ELONGATION Standards ASTM D2240
BLACK/WHITE	1.2 gr/cm ³	70 Shore A	170 Kg/cm ²	350 %

	10	٠	1.5			
TECHNICAL SPECIFICATIONS						

TECHNICAL COMPARISON BETWEEN THE ENTIRE RANGE OF COVERINGS

TYPE	SPECIFIC WEIGHT g/cm ³	HARDNESS	TENSILE STRENGTH kg/cm ³	ELONGATION %	ABRASION mm ³	IDEAL USE
L/RR	1,2	60 Shore A	100	300	<150	Medium-low voltage textile belts
L/RQ	1,2	60 Shore A	100	300	<150	Medium-low voltage textile belts
L/RG	1,2	60 Shore A	100	300	<150	Very long textile belts - low voltage metal belts
L/RE	1,3	60 Shore A	60	250	<250	Medium-low voltage textile belts
L/QE	1,3	60 Shore A	60	250	<250	Medium-low voltage textile belts
L/RC	1,2	70 Shore A	170	350	-	Metal belts at medium and high voltage

COMPARISON BETWEEN COVERINGS BASED ON PLANT CONDITIONS

TYPE	TYPE OF COVERING	FATTORE DI FRIZIONE	TYPE OF BELT	MAXIMUM BELT VOLTAGE	WEIGHT (TONS)
1	NONE	0,37	800/4	77,5	7,7
2	RUBBER	0,51	800/4	63	4,8
3	IN CERAMIC	0,83	630/4	47	1,5

SITUATION 1 (DRY AND CLEAN)

SITUATION 2 (WET AND CLEAN)

TYPE	TYPE OF COVERING	FATTORE DI FRIZIONE	TYPE OF BELT	MAXIMUM BELT VOLTAGE	WEIGHT (TONS)
1	NONE	0,15	1250/4	171	27
2	RUBBER	0,39	800/4	77,5	7,7
3	IN CERAMIC	0,78	630/4	48	2

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