STUDD-LAGG

PULLEY LAGGING SHEETS

Thejo STUDD-Lagg sheets are specially designed for extreme wet, snow, sludge, muddy and clay conditions where the grip between the conveyor belt and the pulley is less. STUDD-Lagg sheet may be used for both Fabric and Steel cord belts.

The drain of material caught in between the belt and the STUDD-Lagg sheets is comparatively more than majority of other designs available in the industry. This assists in reduction of build up of material on the pulley surface, thus reducing the slippage and misalignment.

STUDD-Lagg is available for Medium and Heavy Duty applications. High wear resistance and superior traction properties makes this an alternative to Ceramic sheets in Medium applications.

Features :

- High coefficient of friction reduces the risk of belt slippage.
- Reduced belt tension Increases the belt life.
- Highly recommended for extreme operating Conditions.
- High Wear Resistance.
- Improved belt tracking.
- Reliable service life.
- Excellent self cleaning properties.
- Economic when compared to Ceramic lagging.

Technical Specifications :

Shore hardness	: 60 +/- 5°A
Elongation at break (min)	: 520%
Specific Gravity	: 1.12 +/- 0.02
Tensile Strength (min)	: 160 Kg/Cm²
DIN Abrasion Loss (max)	: 125 mm³
Colour	: Black

Available Sizes :

Length x Width : 2m x 1m, Thickness : 18mm & 20mm

Shelf Life :

36 months @ less than 20°C

Adhesive Systems :

Metal Primer :TPR – 1400

Adhesive System :TBS 3001, TBS 3000,TN9100, TN2800 & TC 310 with respective hardener compounds.

Surface Preparation:

Ideally the Steel surface must be blasted to a metallic white finish. A preparation degree of Sa2½ as specified in DIN EN ISO 12944-4 and a roughness degree of "medium (G)" as specified in DIN EN ISO 88503-1 must be achieved. The blasted surface should be primed immediately.

Application Procedures:

Agitate the metal primer container properly to ensure sedimentation of the contents is avoided. Apply the Primer on the metal surface of the pulley and allow to dry well.

Prepare the adhesive with requisite hardener compound and apply the same on the metal surface and rubber sheet. The first coat is allowed to dry completely. The second coat may be applied and allowed to sufficiently touch dry only, exhibiting tacky property required for closing the bond.

The coated rubber sheet is then uniformly and firmly pressed down on to the metal surface and consolidated using hand tools, in order to achieve good bonding during the curing process.

Health & Safety:

Adequate ventilation shall be provided during execution of work. All vapors that are produced during the execution of the lagging should be continuously suctioned off at the bottom level. Follow specific instructions if any.