TEL – 131

LIGHT TO MEDIUM DUTY APPLICATIONS

It is a pre-moulded rubber sheet made from proprietary formulations of Natural rubber. All sheets come with a special bonding layer to achieve enhanced rubber to metal adhesion during application. The sheets are available in plain, diamond and button profile. TEL-131 sheets do not have resistance to oil and grease and no fire retarding properties.

TECHNICAL SPECIFICATION

(Cmp Ref: TEL 131A)

Shore hardness	60 +/- 5°A
Elongation at break (min)	350%
Specific Gravity	1.37 +/- 0.02
Tensile Strength (min)	50 Kg/Cm²
DIN Abrasion Loss (max)	420 mm³
Colour	Black

APPLICATION

Ideal for lagging of pulleys which is subjected to Light to Medium duty applications.

Standard Sizes :

Product Code	Thickness (mm)	Width (m)	Length (m)
Plain Pattern	**3 to 20**	**1 to 1.5**	**2.5 to 10.0**
Diamond Groove Pattern	**6 to 20**	**1 to 1.2**	**2.5 to 10.0**

Note: *Sheets of other sizes can be available on specific requests. The plain sheets come with a mat finish. All dimensions are subject to Tolerance of +/- 10% as per ASTM D412.*

Recommended Adhesive Systems

Metal Primer : TPR – 1400

Adhesive System : TBS3001 & HCE / TBS3000 & HCE/ TN9100 & HCR / TN2800 & HC / TC310 & HC

Shelf Life

36months from date of manufacture, when stored as recommended, away from direct sunlight in a cool dry location, ideally less than 25°C.

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. Alternatively, the pulley surface may be buffed with a angle grinder or sandering machine, to get a clear but rough surface.

The bonding layer of the Sheets may be buffed if uncertain of the contamination on its surface.

Brush clean the surfaces and wash dry with Cleansing solvents to remove any traces of dirt, grease or oils if present.

The cleaned surface should be primed immediately.

Application Procedures:

Apply the primer on the metallic substrate and then apply 2 coats of Adhesive on the metal and onto the rubber sheet. The first coat is allowed to dry completely before application of the second coat. The second/final coat may be applied and allowed to sufficiently touch dry only. At this point, the coated surfaces shall appear to be full dry but still exhibit tacky property required for closing the bond. The adhesive coated rubber sheet is then to be 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 lining should be continuously suctioned off at the bottom level. Follow specific instructions if any.

** For more information please contact your nearest Thejo representative.*