

# BELT SPLICING SOLUTIONS



**TEZ**<sup>®</sup>



**Cold Splicing Chemicals  
Hot Splicing Chemicals  
Repair Chemicals**

## Belt Conveyor Splicing & Repair Chemicals

Thejo offers the complete Belt Conveyor Splicing and Repair solutions under one umbrella. Having established itself as the pioneers and leaders of cold vulcanising technology in India since 1974, Thejo also offers the complete range of chemicals for hot splicing of fabric and steel cord belting. Distinct rubber formulations ensure the effective, safe & speedy ('**TEZ**') splicing and repairs of belt conveyors.



Thejo is the largest Belt Splicing service provider in the subcontinent, and is engaged in the upkeep of belt conveyors with majority of the clients in the market.

**TEZ** brand of splicing solutions were developed with a focus on ensuring reduced downtimes while meeting all safety, quality and technical requirements of the belting industry.

**TEZ** product line are manufactured under stringent quality plans and controls. Every single batch undergoes comprehensive testing before being approved and certified for supply to the market.

Customised solutions to suit every need, is a unique value proposition offered to our clients.

### • **TEZ Cold Splicing Solutions**

The indigenously developed cold bonding adhesives from Thejo, have been the benchmark in the industry since its introduction in 1974. A wide range of products, offer reliable and effective solutions for various applications in the industry.

#### ➤ **TC310**

Is a two component Medium cure rate adhesive system, with good bond strengths. To be used with **HC** hardener compounds.

#### ➤ **TBS3000**

Is a two component Fast cure rate adhesive system, with superior bond strengths. To be used with **HCE** hardener compounds.

#### ➤ **TBS3001**

Is a two component Non Inflammable, Fast cure rate adhesive system, with superior bond strengths. To be used with **HCE** hardener compounds.

#### ➤ **TN9100**

Is a two component Non Inflammable, High temperature resistant, Fast cure rate adhesive system with good bond strengths. To be used with **HCR** hardener compounds.

#### ➤ **TPR1400**

Is a single component, First Coat Metal Primer to be used for enhanced rubber to metal bond strengths.

#### ➤ **TCS**

Is a single component Cleaning Solvent, available in flammable and non Inflammable grades.



The hallmark of THEJO Cold Splicing Solutions is attainment of high bonding strengths at minimal time, making it the most preferred adhesive system in the belt splicing market. TEZ cold vulcanising adhesives are available ex stock, and in 1Ltr, 5Ltr, 20Ltr and 200Ltrr units. Hardener compounds are available in packed corresponding bottled units or in 1Ltr units on special request.

## • TEZ Hot Splicing Solutions

Thejo offers hot belt splicing and repair kits for fabric and steel cord conveyor belting. The standard splicing and repair kit are available for Abrasion Grade, Heat Resistant and Fire Retardant grades of cover rubber.

Thejo's fabric ply belt splicing kits confirm to standards specified under DIN 22102 part 3 and IS 14206 (Part-1): 2001

### ➤ TEZ Fabric Splice Kits

Abrasion grade Splicing kits comprising of Cover Compounds TCC-151, Insulation Compound TIC-151 and Adhesive HVS T4451, come in standard sizes suitable for Fabric Ply belting.

Custom made splicing kits are available on demand for Super Heat Resistant, Ultra Super High Resistant, as well as Oil & Heat Resistant special cover grades.



### ➤ TEZ Steel Cord Splice Kits

Steel cord conveyor belts can only be spliced by hot vulcanising process. The splice geometry and length of splice are dependent on the strength 'ST' rating, cord diameter, number & pitch of cords. Each splice kit contain top and bottom cover rubbers, inter cord strips, bonder tapes, steel cord splice cement and release fabric. Custom made splicing kits are available on demand for Super Heat Resistant, Ultra Super High Resistant, as well as Oil & Heat Resistant special cover grades.



Thejo's steel cord belt splicing kits confirm to standards specified under DIN 22131 part-4. Quality of splice material plays a major role in the life of splice, and hence the production is subject to very stringent Quality controls, inspections and testing.

Customized TEZ splicing and repair materials can be specifically formulated to match belting from various global suppliers.

## • TEZ Repair Putties/Paste

Thejo offers two varieties of repair pastes/putties. One is of Shore-A hardness, flexible, and used for repair of belting. The other is of Shore D hardness, inflexible, and used for finishing and closing up of pulley lagging joint areas.

### ➤ ELIFLEX Conveyor Belt Repair Paste

It is a two-part polyurethane resin formulated to effect quick and easy repairs to damaged conveyor belting and other rubber components. The following are the unique attributes of the product:

- Quick setting
- Easy to use twin pack mixing & application system
- Excellent flexibility
- High tear & impact-resistance
- Good wear & abrasion-resistance
- Broad spectrum chemical protection
- Flame retardant
- Low irritation potential
- No special tools or skills required
- Environmentally friendly handling properties



### ➤ EC103/104 Ebonite Repair Paste

It's a two component, non-inflammable cold cure repair system, with good bond strengths between metal and rubber.

Once prepared and applied, it sets to a hardness in the scale of Shore D within a few hours. It is an easily workable paste at the time of application.





# Cold Splicing Chemicals Hot Splicing Chemicals Repair Chemicals

## Belt Splicing Materials

- Cold Splicing Chemicals
  - TC310, TBS3000, TBS3001, TN9000, TN9100
  - HC, HCE, HCR
  - TPR1400
  - TCS
  - Eliflex
  - EC103 / 104
- Hot Splicing Chemicals
  - T5541
  - T4000
  - TCC, TIC



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