

CONVEYOR BELT GUARD

Tata Steel's New Materials Business is working closely with many process industries to introduce innovative solutions in Fibre Reinforced Polymer (FRP), leveraging its unique mix of properties to address issues such as maintenance, corrosion and life cycle cost.

Our products are mainly made of Glass Reinforced Polymer (GRP). Tailored to suit application needs, the products were developed through a range of composite manufacturing technologies such as hand layup, filament winding and pultrusion. Some of the properties of these FRP products are:



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High Strength
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Corrosion Resistance
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Lightweight
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Long maintenance free life
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Cost effectiveness
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Ease of installation
- 
Superior and tailored manufacturing properties

Technical Specifications:
(can be customized as per required belt width & Type of belt)

Fabricated with Pultruded sections

- ◆ **Overall dimension:**
 - a) 1500mm X 550mm
 - b) 1500mm X 300mm
 - c) 900mm X 900mm
- ◆ **Max Working Temperature:** 50°C
- ◆ **Design Temperature:** 60°C
- ◆ **Colour:** Yellow
- ◆ **Additional Feature:** Fire Retardant & UV Protected

Our manufacturing facility is equipped with the latest technology and testing tools for the smooth production of our product range and maintaining high quality standards of products at the same time.

Application:
Conveyor Guards are the barriers provided between workers for preventing any kind of entanglement between body parts/clothing with the moving conveyor belt

- Benefits:**
- ◆ FRP Conveyor Guards are strong, easy to install and can be opened easily during maintenance of material handling systems of any process plant
 - ◆ They are available in various dimensions based on the requirement of the client
 - ◆ The big advantage FRP has over steel is that it is corrosion resistant when subjected to water and resists a wider variety of chemicals thus making it a better long-term investment than steel
 - ◆ Additionally, FRP is much easier to handle and install due to its lighter weight