



TD37 Yarn

Product Description

TD37 YARN

from VETROTEX is produced with a starch free sizing system, containing silane bonding agents, providing excellent compatibility with different resins like epoxy, polyester, phenolics or vinyl ester. Glass filament yarns sized with TD37 have excellent textile properties, enabling the production of different textile structures like e.g. woven fabrics, braided sleeves, narrow fabrics (tapes), warp-knitted fabrics or multi-axial fabrics. These products can be used in composite applications without any heat cleaning and further sizing.

Main Advantages

Excellent yarn integrity and textile processing capabilities

- Very low sizing deposit and fuzz level
- Good fixation in fabrics
- Recommended applications:

Multi-axial fabrics - for use in wind turbine, sports and leisure, automotive and transportation applications

Narrow fabrics - tapes to reinforce pipes and other composite structures

Braided sleeves and tubes - automotive and sports and leisure applications

Thermal insulation - in fire blankets and other insulation fabrics

3D fabrics - for use in transportation, marine or aerospace

Woven fabrics - aerospace, architectural, automotive

- Our manufacturing plants are certified according to ISO 9001:2008 and ISO 14001:2004 requirements

Packaging Information

Bobbin H5 (1 carton per pallet)
— 92 bobbins per pallet (2 layers)

Pallet dimensions (L x W x H):
— 120 cm x 100 cm x 93 cm
(47,24 in. x 39,37 in. x 36,61 in.)

Max. net weight per pallet:
— 470 kg (1036 lbs)

Bobbin H8 (1 carton per pallet)
— 60 bobbins per pallet (2 layers)

Pallet dimensions (L x W x H):
— 120 cm x 115 cm x 100 cm
(47,24 in. x 45,28 in. x 39,37 in.)

Max. net weight per pallet:
— 450 kg (992 lbs)



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Product Information

Product Range		Bobbin	Metered splice free	
S/I units	US units	Type	Weight (kg / lbs)	Length (m / yds)
EC9 34 Z40	ECG 150 1.0Z	H5	5,00 / 11.02	144.000 / 157.480
EC9 68 Z40	ECG 75 1.0Z	H5	5,00 / 11.02	72.000 / 78.740
EC9 136 Z28	ECG 37 0.7Z	H5	5,00 / 11.02	36.000 / 39.370
EC13 300 Z20	ECK 16 0.5Z	H8	8,26 / 18.22	27.000 / 29.528

Specific Requirements

In case of high demanding applications, VETROTEX offers its TD37 product range as well in a size migration free version. These products are identified by size indication TD37SC.

Storage, Shelf Life, Processing Conditions

The product should be stored in its original packaging in dry conditions away from direct sunbeam. Storage temperatures of between 10 and 35 °C (50 and 95 °F) and a relative humidity between 40% and 70% are recommended. Before processing, the material should be conditioned by exposing it to the processing climate for 24 hours.

Though there are no known storage limitations under proper conditions, we recommend to use the material within 6 months after delivery date, or within 24 months after date of manufacture. In order to reduce the influence of storage conditions, Vetrotex recommends a First-in-First-out procedure on stocked material.

Stacking Information

In order to avoid any potential injury or damage, we recommend to limit stacking of the pallets H5 and H8 to two (2) in transport, and three (3) in storage areas.

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