

# Technical Data Sheet

## Direct Roving Z-TEX

### Direct Roving for muffler

#### Product Description

The Direct Roving Z-TEX is produced by the winding of glass fiber without twist in a cylindrical shape. It is designed for high thermal and corrosion resistance as acoustic absorbent. It has excellent characteristics for muffler and automotive silencers.

#### Application

The Direct Roving Z-TEX was specially designed for muffler application.



#### Properties

- Constant tension;
- No static electricity generation;
- Excellent mechanical properties;
- Constant linear weight;
  - Constant efficiency;
  - Excellent strand texturization;
  - Low loss of weight;
  - Excellent efficiency in high temperatures.

#### Identification

<b>Exemple:</b>	<b>ECT Z-TEX-4800</b>
<b>ECT:</b>	CPIC designation of type of glass, E-glass boron free
<b>Z-TEX:</b>	Ensimagem CPIC BRASIL
<b>4800:</b>	Roving linear weight (tex)



## Technical Characteristics

Linear weight (tex)	Loss on ignition (%)	Moisture (%)
<b>ISO 1889</b>	<b>ISO 1887</b>	<b>ISO 3344</b>
2400 ± 120	0,55 ± 0,10	≤ 0,10
4400 ± 220	0,55 ± 0,10	≤ 0,10
4800 ± 240	0,55 ± 0,10	≤ 0,10

## Roving Characteristics

Diameter (mm)		Nominal height (mm)	Nominal weight (kg)
Internal	External		
165	300	270	14 – 17*

\*Can contain 4 bobbins between 8 kg to 14 kg per pallet level

## Packaging

Each Direct Roving Z-TEX is protected by a stretch film, which should not be removed until it is completely used. The rovings are packed in Octahedra packaging put over a wood pallet. The packaging unit is the pallet.

Packaging	Level	Pallet dimensions L x W x H (mm)	Net weight (kg)
Octahedra	3	1140 x 1140 x 950	816
Octahedra	4	1140 x 1140 x 1220	1088

\*In case of specific requirements, please, contact us.

## Storage

The Roving Direct Z-TEX should be stored away from heat and moisture, and in their original packaging. The best conditions are: temperatures between 15 and 35 °C; humidity between 35 and 65 %.

If the product is not stored under these specifications, it is advisable to condition it in the workshop for at least 24 hours before the use, to prevent condensation.

Pallets can be stored in 2 levels (1+1) using a protection between them (cardboard or wood panel).

CPIC Brazil recommends material consumption according to FIFO method (first in, first out).

**Integrated Management System Certifications:**

**ISO9001**

**ISO14001**

**ISO45001**