

Textiles

– Hybrid Tenron–Flax Woven Fabrics

T E N R O N[®]

Product description

Hybrid woven fabrics made of Tenron and FLAX for technical textiles and high-performance composites.



Article reference

HTF-WF (TENRON AND FLAX), EX.: HTF-WF 210. 150. 0127. T2/2.IS65T

- Specific surface weight (g/m²) _____
- Length of roll (m) _____
- Width of roll (cm) _____
- Weaving pattern _____
- Sizing reference of Tenron constituent filaments (*) _____

Properties

Volume density of constituent filaments (according to ASTM C693)

Tenron : 2.600 g/cm³

FLAX (Commonly available) : 1.450 g/cm³

Specific surface weight

From 210 up to 600 g/m²

Construction (weaving pattern)

Plain, Twill, Satin

Sizing

Content, % weight (loss of ignition, LOI):

0,4 – 1,5 % (according to customer's request)

Moisture content, % weight:

Less than 0,1 %

Resin (matrix) compatibility:

Epoxy, polyester, vinylester, PA, PP, PEEK, BMI, etc..

(*) see TENRON Sales department for more information

Standard Packaging

The rolls are individually labelled and wrapped with stretched plastic film for protection and improved handling.

Width (cm)

127 cm

Length (m)

Depending on the customer's request

Weight (kg)

Depending on length and surface weight



Benefits of Tenron in end-applications

Please see our website, under "applications".

Storage and usage conditions

TENRON recommends storage in a cool and dry warehouse into the original packaging. For an optimal processing we recommend to use the product in ambient conditions (20 - 23 °C, 60 - 65% relative humidity). TENRON roving need to be kept in the workshop at least 24 hours prior to usage.

Sustainability

-  TENRON respects the environmental directives of the **European Union** and is **REACH compliant** (Regulation, Evaluation, Authorisation and Restriction of Chemicals) .
-  TENRON is fully and easily recyclable. For more information on **sustainability** and our **LCA**, please see our website and / or contact us.

For more detailed information, please contact the Tenron Sales Department at **info@tenron.com** or by phone at the following number: **+32 (0)81.72.86.86**

DISCLAIMER OF LIABILITY

The above shown data is presented solely as a guide in the selection of a fibre reinforcement. The information mentioned in this leaflet is based on actual TENRON' laboratory data and field test experience. Because of numerous factors in downstream processability affecting results, we consider this information to be reliable, but do not guarantee its applicability to the use's process or assume any liability arising out of its use or performance. The end-user, by accepting the products described herein, assume the responsibility for thoroughly testing any application to determine its compliance before committing to production. It is important for the end-user to determine the properties of its own commercial compounds when using this or any other fibre reinforcement.

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Strong by Nature

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