

## Description

Comtrix™ is made from commingling process which combined reinforcement fibers and resin filaments to multi-functional matrix.

This hybrid yarn is in a “ready-to-use” state which can be easily utilize for a variety of composite purposes. Comtrix™ can also be applied on weaving, braiding and prepregging.

Comtrix™ has a wide range of reinforcement fiber to choose, from Carbon fiber, Aramid fiber, Fiberglass and other exceptional advanced fiber for hybrid yarn combinations.

## Specification

Fiber	Resin Yarn	Resin Fiber, tex	Weight Reinforcement %	VF %	TG °C	Melting °C	Consolidation °C	Resin Yarn Density g/cm <sup>3</sup>
Carbon Fiber 12K	PC Fiber	1400	57	48	150	220~230	260~290	1,46

## Package & Storage

Comtrix™ is delivered on a 3 inch spool with net weight around 4 to 5kg for standard package.

The material should be stored in its original package under dry condition, the storage temperatures around 35°C (95°F) and humidity relatively between 40 to 70% is recommended. However, for some resin fiber such as Polyamide, the best condition is to keep in dry the whole time.

With uncontrollable storage condition, we recommend finishing the hybrid materials within 6 months once unsealed and within 12 months in sealed status.



台灣電緣股份有限公司 TEi Composites Corporation

Address: No. 272, Sec 1, Yan Hai Rd, Sen Sea Shaing, Chang Hua, 50744, Taiwan

Tel: +886-4-7580966

Fax: +886-4-7580910

Email: [teiandttc@teicomposite.com](mailto:teiandttc@teicomposite.com)