

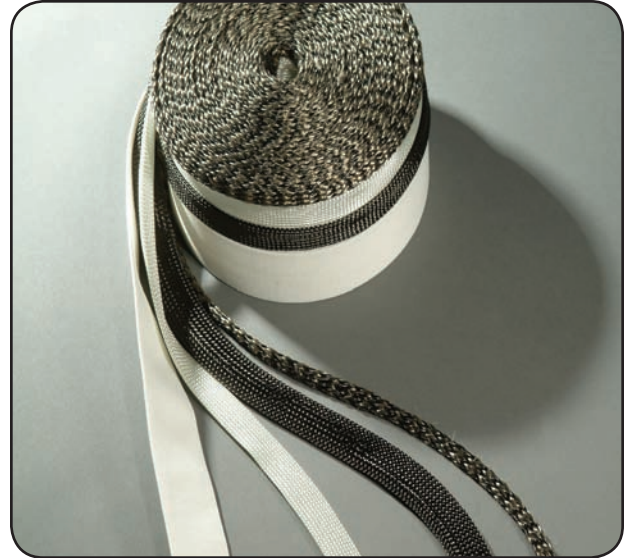
TCR™ PREPREG BRAIDED SLEEVES

We use an epoxy resin specifically designed for braided reinforcements made of carbon, fiberglass, aramid or a combination. All resin formulations are storable at room temperature-refrigerated shipping and storage are not required.

Braid is a system in which three or more yarns are intertwined. No two yarns are twisted around one another. Braid is also defined as a family of fabrics continually woven on the bias. Tubulars or sleeveings are the most common type of braid. Other forms include flat braids, wide braided fabric (i.e. braided broadgoods) and over braids.

Braid may be used for medical, recreational and industrial applications.

During fabrication, tubular braids are opened up and applied to a molding tool or core, using the "Chinese finger trap" effect. They are then consolidated with either a shrink tape, vacuum bag or matched two piece mold.



Prepreg Characteristics

Diameters:	0.75 to 18.0 in (19 to 457 mm)
Braid Type:	Carbon, glass, aramid, hybrids
Braid Style:	Biaxial, Tiaxial, Unimax™, Trimax™
Braid Weights:	7.5/yd ² to 19.9/yd ² (6.2/m ² to 16.8/m ²)
Resin Content:	Controlled to ±3%, tailorable to customer requirements
Resin Type:	Choice of TCR™ epoxy resins
Resin Tack:	Low

Resins for Braids

Resin System
UF3325
UF3330
UF3339
UF3357
UF3360
UF3369

Packaging

Size	Unit Weight	Units per Box	Packaging
Reel: 14 in (355 mm) Hub: 5 in (127 mm)	20-25 lb 9.0-11.3 kg	-	Sealed in moisture-resistant poly bags; boxed for shipping

Prepreg Braided Reinforcements*

Braided Carbon Biaxial Sleeveings	GAMMASOX™
Braided Fiberglass Biaxial Sleeveings	SILASOX™
Braided Hybrid Biaxial Sleeveings	COBRASOX™
Braided Aramid Biaxial Sleeveings	ARASOX™
Carbon/Fiberglass Tapes	BIAXIAL TAPES
Nonwoven Unidirectional Carbon	ZERO™
Unimax 12k Carbon	UNIMAX™
Unimax 450 Rov-ing	UNIMAX™
Biaxial Carbon Fabric	BIMAX™
Triaxial Fabric	TRIMAX™

*Trademarks of A&P Technologies

TCR Composites is registered to ISO 9001:2000
TCR™ is a trademark of TCR Composites, Inc.



TCR COMPOSITES

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