

SpectraCarb™

Another innovation from Comfort Products

SpectraCarb™ is a unique tubular stockinette developed specifically for the orthotic and prosthetic industry by Comfort Products. It is a combination of Spectra® and Carbon. Spectra® fiber is one of the world's strongest and lightest fibers. It is, pound-for-pound, ten times stronger than steel, and more durable than polyester.

Technicians appreciate that the material does not itch, while practitioners love the heat-and-relieve characteristics that allow changes in the laminated device with use of a heat gun.

SpectraCarb™ is most commonly used in lay-ups that alternate two layers of SpectraCarb with two layers of Comfort Multi-Size® Nylon until the desired thickness is achieved. Multi-Size® Nylon is recommended for the inner and outer layers for a superb finish.

The future of laminating is here today!

SpectraCarb™

Size	Part Number
2"	CSC2
3"	CSC3
4"	CSC4
5"	CSC5
6"	CSC6
8"	CSC8

**Available
in tubular
stockinette
5 yard rolls**

Features include:

- Superb strength with some flexibility
- When used with Comfort Multi-Size® Stockinette, has a smooth finish that allows for pigmentation
- Does not itch and edges can be buffed
- Carbon strips can be added to specific areas for complete rigidity
- Has heat and relieve capabilities that allow shapes to be modified after laminating without fracturing or delaminating

Guideline for a typical layup PTB Socket*

2 layers of Comfort Multi-Size® Nylon
 2 layers of SpectraCarb
 2 layers of Comfort Multi-Size® Nylon
 2 layers of SpectraCarb
 2 layers of Comfort Multi-Size® Nylon**

* *This is a guideline only showing an option for a typical PTB socket. Each socket will likely be different based on the weight and activity levels of the patient.*

** *For areas that need complete rigidity it is recommended to add 1" carbon strips for reinforcement. Carbon strips should also be placed around connection plates and adapters for reinforcement.*



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