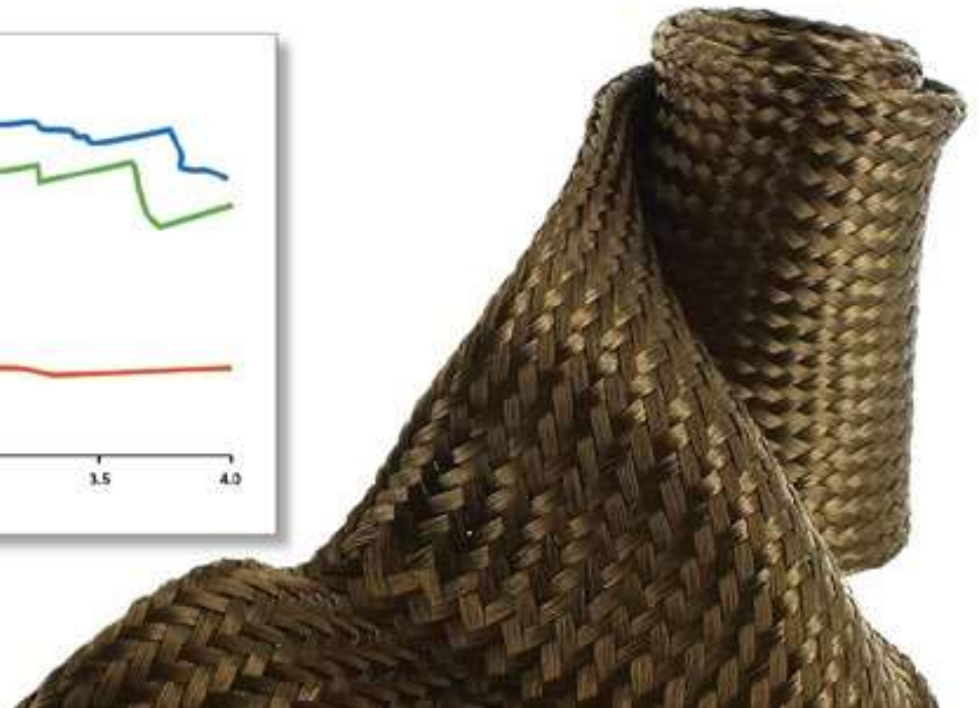
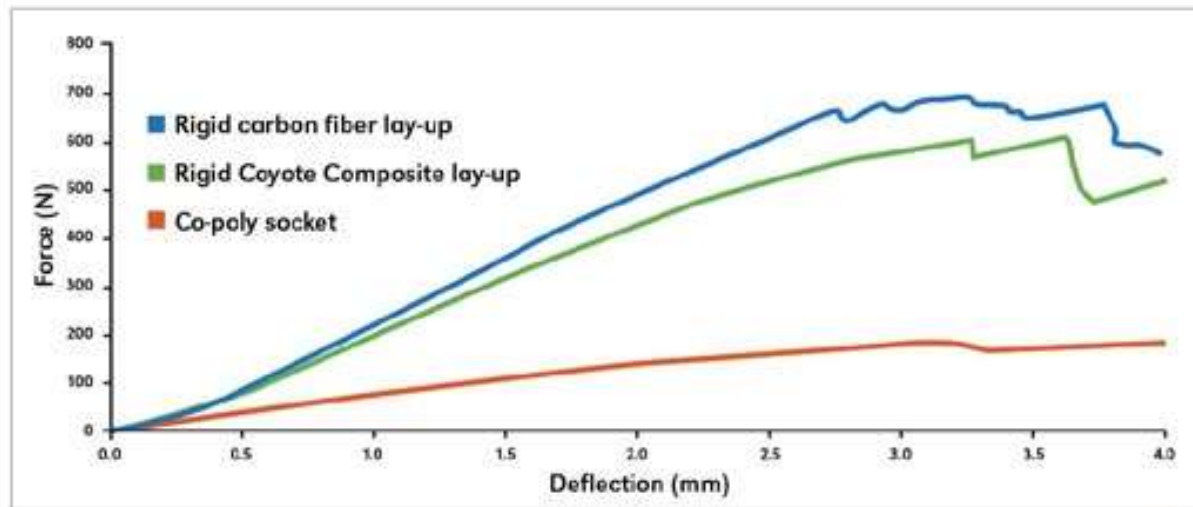


# COYOTE COMPOSITE

A great alternative to itchy, expensive carbon fiber braid! Coyote Composite, is made from basalt filament, a safe, tough material for composite sockets and AFOs. Also relatively easy to cut and finish compared to other materials.

- Extremely durable
- Resistant to cracking
- Less itch than carbon
- Non-carcinogenic and non-toxic
- Strong and lightweight
- Finishes smooth, with superior resin saturation
- Unique dampening characteristics
- Less expensive



**Resin** Coyote Composite works with typical prosthetic resins and saturates much better than carbon.

**Saturation and Laminating** Because of its superior saturation it's important to prevent resin starvation. Lamination starvation will cause frayed edges.

**Finishing** Coyote Composite finishes easily. Use sharp tooling at slow speeds to finish. In some cases, you may need to wet-sand.

**Relieving** Coyote Composite is heat- and flame-resistant and isn't damaged by heating. It allows for limited adjustment based on the type of resin used.

**Safety** Because of the inert nature of basalt, it is not a carcinogen. Also, Coyote Composite is between 9 and 16 micrometers in diameter, which is too large to be an inhalant risk. Basalt also causes significantly less skin irritation.

Composite on  
outside of lay-up



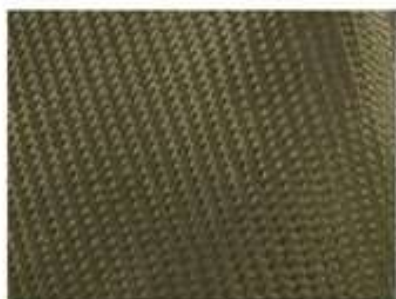
Composite on  
inside of lay-up



# COYOTE COMPOSITE



**Braid** Our proprietary braid was designed to be used in equivalent amounts to carbon. Coyote Composite is more flexible than carbon (we consider this to be an advantage), but if you need to match the rigidity of a carbon socket, use additional layers of stockinette and/or carbon tape.



**Fabric** Coyote Composite fabric sheeting can be used for reinforcement layers of heavy duty sockets and/or AFOs. The material is thin and lightweight which allows for greater flexibility in adding the ideal amount of reinforcement.

**Fabric**

	Type	TPI*	Length/(ft)
CD	F	350	3

## **Fabric available in**

.17 mm Thickness

Has a Bi-directional weave

## Ordering options

**Braid**

	Type	Size (in)	Length/(ft)
CD	B	3	10
CD	B	3	20
CD	B	3	82
CD	B	4	10
CD	B	4	20
CD	B	4	82
CD	B	5	10
CD	B	5	20
CD	B	5	82
CD	B	6	10
CD	B	6	20
CD	B	6	82
CD	B	7	10
CD	B	7	20
CD	B	7	82
CD	B	8	10
CD	B	8	20
CD	B	8	82
CD	B	10	10
CD	B	10	20
CD	B	10	82