

Light, Durable & Strong

The concept for layups includes tying off and reflecting layers, not cutting to length if possible.

We believe layers should be equalized for best results. (Each line represents 1 layer)

BK layup – Single shot (Up to 100Kg)

- Perlon, or flexastretch (sew end) (Can put Dacron Felt for first layer if sanding needed)
 - NSP Braid (tie to socket adapter and reflect remainder later)
 - Nyglass
 - NSP Unidirectional Tape (25 to 37mm wide) 0-90 (Anterior to Posterior, Medial to Lateral) and brim circumference (may need to split tape to veer around braid/stockinette) (See **Fig. 1**)
 - Nyglass
 - NSP Braid (full length)
 - Perlon or Nylon hose
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BK Layup – 2 stage lamination (Up to 100Kg)

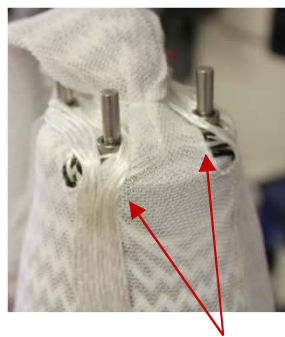
1st lamination: (Will end up with 2 full length Paralex braid layup)

- Perlon, or flexastretch (sew end) (Can put Dacron Felt first layer if needed for sanding for bony relief)
- NSP Braid (full length, tie to reflect remainder later)
- Nyglass
- NSP Unidirectional Tape (25 to 37mm wide) 0-90 (Anterior to Posterior, Medial to Lateral) and brim circumference (may need to split tape to veer around braid/stockinette) (See **Fig. 1**)
- Nyglass
- Reflect down 2nd layer of NSP Braid (full length)
- 2 scuffing layer for finish lamination

2nd lamination: (Final lamination total layup 3 full, and ½ length for both stages)

- NSP Braid (50% of length - tie to reflect full length remainder later)
- Nyglass
- Reflect NSP Braid
- Nylon Hose (or outer finish material/design)

These recipes are recommendations. This will help familiarize you with the characteristics of NSP. The concept of equalized layers should be utilized when altering layup dependent on patient characteristics (weight/activity)



(Fig 1 -Example of split tape to veer around braid or studs)



(Fig 2: example of loose tie off of braid to facilitate full fabric saturation)

CE Conformity

This product meets the requirements Council EU 2017/1745 (MDR).

for medical products. This product has been classified as a class I product according to the classification criteria outlined in appendix IX of the guidelines. Please keep this manual in safe place for future use.

Useful Life

Service life of the product is covered by the warranty period.

Disposal

The device and its packaging must be disposed of in accordance with respective national/local environmental regulations.



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AK layup – Single shot (Up to 100Kg)

- Perlon (Sew end) (Can put Dacron Felt for first layer if sanding needed)
- NSP Braid (tie off to socket adapter to be reflected down later)
- Nyglass
- NSP Unidirectional Tape (25 to 37mm wide) 0-90 (Anterior to Posterior, Medial to Lateral) and brim circumference (may need to split tape to veer around braid/stockinette) (See **Fig. 1**)
- Nyglass
- Reflect NSP Braid (100% of length)
- Nylon hose

AK Layup – 2 stage lamination (Up to 100Kg)

1st lamination: (Will end up with 2 full length Paralex braid layup)

- Perlon (Sew end) (Can put Dacron Felt for first layer if sanding needed)
- NSP Braid (tie to reflect remainder later)
- Nyglass
- NSP Unidirectional Tape (25 to 37mm wide) 0-90 (Anterior to Posterior, Medial to Lateral) and brim circumference (may need to split tape to veer around braid/stockinette) (See **Fig. 1**)
- Nyglass
- Reflect Paralex Braid (30% of length)
- 2 Nyglass (scuffing layers for finish lamination)

2nd lamination: (Final lamination total layup 3 full, and ½ length for both stages)

- NSP Braid (50% length. Tie into adapter to reflect down later)
- Nyglass
- NSP Braid (full length)
- Nylon Hose

Environment:

Store at room temperature, and avoid extremely hot, cold, or moist storage environments Storage

Temperature Range: between temperatures of -20°C to 80°C [-4°F and 176°F]



Do not store in wet or very hot environment.



(Fig 1 -Example of split tape to veer around braid or studs)



(Fig 2: example of loose tie off of braid to facilitate full fabric saturation)

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