

Calibration Hose & Pre-Liner

Description	PVC coated polyester fabric available in a range of weights depending on required use.
Resin Type	Polyester, Vinylester, Epoxy

Material: Green

Description	Light duty fabric with a heat welded overlapped and taped seam.			
Temperature Limitation	Maximum working temperature 50°C			
Length	Standard roll lengths 50m, 100m Bespoke lengths available by special order			
Pipe Diameter (mm)	100	150	175	200
Maximum Recommended Pressure (Bar)	0.80	0.55	0.45	0.40
NB: Bespoke size diameters available on this product up to 200mm				

Material: Orange

Description	Light duty fabric with an overlapped stitched and taped seam.							
Temperature Limitation	Maximum working temperature 80°C							
Length	Standard roll lengths 50m, 100m Bespoke lengths available to a maximum 400m by special order							
Pipe Diameter (mm)	100	125	150	175	200	225	250	300
Maximum Recommended Pressure (Bar)	1.20	0.95	0.80	0.70	0.60	0.55	0.50	0.40

Material: Heavy Duty

Description	Heavy duty fabric with an overlapped stitched and taped seam.									
Temperature Limitation	Maximum working temperature 80°C									
Length	Maximum 300m									
Pipe Diameter (mm)	100	150	175	200	225	250	300	450	600	900
Maximum Recommended Pressure (Bar)	2.00	2.00	2.00	2.00	2.00	1.20	1.20	0.80	0.65	0.50

Calibration Hose & Pre-Liner (Cont'd.)

Points to Note

1. All hose supplied is recommended as single use only. Multiple use of the material is at customer risk.
2. When in use, hose is to be supported outside the pipe.
3. Due to sizing requirements at manufacture, customer must specify intended use as calibration hose or pre-liner.
4. Resin compatibility with this product must not be assumed. Contact the S1E Team for advice.
5. Please contact the S1E Team for any help and advice where product may be used outside recommended conditions.

Storage/Handling

The following are storage recommendations:

1. **Avoid extremes of temperature:** Freezing may cause the coating structure to degrade locally, especially areas where the coating is in tension or compression - at bends and edges, and immediately adjacent to seam welds.
Recommended storage temperature 5°C - 35°C.
Shelf life at this temperature: in excess of 1 year.
2. **Avoid extremes of humidity:** Very high relative humidity (especially at high temperature such as tropical countries) will accelerate the degradation, consequently reducing the shelf life.
Recommended storage humidity 25% rh - 65% rh.
Shelf life at 65%, 35°C: 1 year.
3. **Avoid prolonged wet storage:** As with high humidity, the coating is more susceptible to degradation at higher temperatures, and even further susceptible if pH of liquid in contact is significantly above or below 7.
Wet storage is not recommended.
4. **Avoid direct sunlight or incident UV radiation:** Prolonged exposure to ultra violet light will accelerate the degradation of the PVC coating. Store away from direct sunlight, preferably in dark conditions.
5. **Mechanical damage should be avoided:** In order to ensure that the liner is not damaged, the following recommendations should be followed:
 - a) Ensure that hose is not placed directly onto grit or gravel floor - sweep and cover floor first.
 - b) Ensure personnel are instructed not to walk on the hose.
 - c) Handle with care.
 - d) Ensure any rollers are clean, and the hose is not in contact with any sharp edges or snags anywhere during use.
6. **Chemical attack:** Avoid prolonged contact with solvents and chemicals.

This information is provided in good faith only and without warranty. All calculations and settings are for guidance only. The liner should be visually inspected for defects before use. The Company reserves the right to make technical changes without notice as a result of continuous development.