



CALIBRATION HOSE

Calibration Hose is used to inflate Liners once they have been Pull-in-Place / Inverted into pipelines.

Calibration Hose is available in various guises to suit even the most demanding of applications, from small diameter, ambient liners, to hot cure long length applications.

PRODUCT CHARACTERISTICS

1. Used to inflate liners once installed.
2. Enables liners to be installed from a single access point.
3. Available in various types to suite each application.
4. Stops Ingress of resin from the liner out of the host pipe.
5. Ensures good quality cured liners.
6. Protects liners during installation from damaged pipelines.
7. Ensures liner does not overinflate.



PRODUCT GRADES

Medium Duty

- Weld.
- Diameter: 100mm, 125mm, 150mm, 175mm, 225mm and 250mm.
- Recommended for ambient and warm cure applications.
- Colour: Violet and Orange.

Heavy Duty

- Weld.
- Diameter: 100mm, 125mm, 150mm, 175mm, 225mm and 250mm.
- Recommended for ambient and warm cure applications.
- Colour: White and Blue.

Heavy Duty UV

- Weld.
- Diameter: 100mm, 150mm, 200mm, 250mm, 300mm and 350mm+.
- Recommended for ambient and hot cure applications, including large DN.
- Colour: White

STITCHED & WELDED

Medium & Heavy Duty

- Diameter: 100mm, 150mm, 200mm, 250mm+.
- Recommended for ambient and warm cure applications.
- Colour: Violet, Blue, Orange & White.
- Available on special order only

PRE-LINERS

Added to our arsenal of liners and resin we offer a range of pre-liners in various strengths.

Pre-liner is installed prior to the CIPP installation to prevent the washout of the needlefelt tube.

Our Calibration Tube / Pre-liners prevents egress of the resin through the host pipe. It protects the liner during installation and ensures a the highest of quality cured liners.

RECOMMENDATIONS

All tube supplied is only to be used once (single use.) Multiple usage is at the client's own risk.

When in use the hose is to be supported outside the pipe.

Due to sizing requirements the client MUST specify the intended use of the Calibration Hose / Pre-Liner.

Please contact Nu Cure Laboratories for any help and advise when the product may be used outside of the recommended conditions.



PRODUCT PARAMETERS / SAFETY DATA SHEET

MEDIUM DUTY							
Colour	Violet & Orange						
Material Description	Woven reinforced PVC film tube Medium Duty fabric with an overlapped weld seam.						
Code	NCooCT – 004V / NCooCT – 005O						
Resin Types	Suitable for most resin types: Polyester, Vinyl Ester and Epoxy.						
Pipe Diameters (mm)	100	110	150	200	175	225	250
Maximum Pressure (Bar)	1.0	0.95	0.89	0.70	0.60	0.50	0.40
Temperature	Maximum working Temperature 80°C (Max Pressure 0.8)						
Weights	300 – 1000gsm						
Process	Recommended for ambient and warm cure applications.						
Length	Standard rolls: 50m and 100m (other lengths by special order)						
Bends	45° & long radius 90° bends						



PRODUCT STORAGE & HANDING CONDITIONS

•Avoid Extremes in Temperature:

- o 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.
- o Recommended storage temperatures: 5°C – 35°C.
- o Shelf life at this temperature: more than 1 year.

Humidity:

- o Very high relative humidity, especially in high temperature countries (tropics,) will accelerate the degradation, consequently reducing shelf life
- o Recommended storage humidity 25% - 65% rh
- o Shelf life at 65%rh / 35°C = 1 year

Avoid Prolonged Wet Storage:

- o The coating is more susceptible to degradation at high temperatures. Further susceptible pH of liquids in contact is significantly above or below 7.
- o Wet storage is not recommended.

Avoid Direct Sunlight or UV Radiation:

- o Prolonged exposure to ultraviolet light will accelerate the degradation (PVC coating), consequently reducing shelf life.

Mechanical Damage:

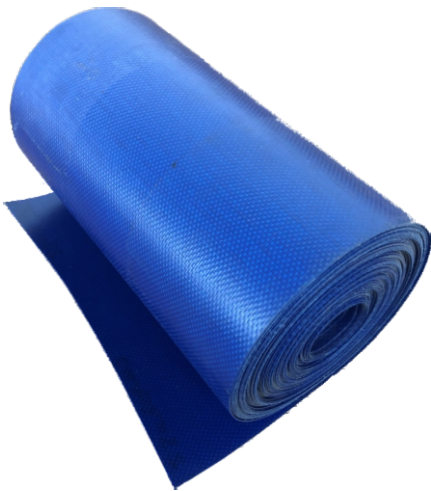
- o Ensure that the hose is not placed directly onto grit or gravel floor – sweep and cover floor first.
- o Handle the hose with care.
- o Training on application process a must.
- o Chemicals: Avoid prolonged contact with the solvents and chemicals
- o Ensure personnel are instructed not to walk on the hose.



PRODUCT PARAMETERS / SAFETY DATA SHEET

HEAVY DUTY

Colour	Blue						
Material Description	Woven reinforced PVC film tube Heavy Duty fabric with an overlapped weld seam.						
Code	NCooCT – 003B						
Resin Types	Suitable for most resin types: Polyester, Vinyl Ester and Epoxy.						
Pipe Diameters (mm)	100	110	150	200	175	225	250
Maximum Pressure (Bar)	1.0	0.95	0.89	0.70	0.60	0.50	0.40
Temperature	Maximum working Temperature 80°C (Max Pressure 0.8)						
Weights	300 – 1000gsm						
Process	Recommended for ambient and warm cure applications.						
Length	Standard rolls: 50m and 100m (other lengths by special order)						
Bends	45° & long radius 90° bends						



PRODUCT STORAGE & HANDING CONDITIONS

•Avoid Extremes in Temperature:

- o 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.
- o Recommended storage temperatures: 5°C – 35°C.
- o Shelf life at this temperature: more than 1 year.

Humidity:

- o Very high relative humidity, especially in high temperature countries (tropics,) will accelerate the degradation, consequently reducing shelf life
- o Recommended storage humidity 25% - 65% rh
- o Shelf life at 65%rh / 35°C = 1 year

Avoid Prolonged Wet Storage:

- o The coating is more susceptible to degradation at high temperatures. Further susceptible pH of liquids in contact is significantly above or below 7.
- o Wet storage is not recommended.

Avoid Direct Sunlight or UV Radiation:

- o Prolonged exposure to ultraviolet light will accelerate the degradation (PVC coating), consequently reducing shelf life.

Mechanical Damage:

- o Ensure that the hose is not placed directly onto grit or gravel floor – sweep and cover floor first.
- o Handle the hose with care.
- o Training on application process a must.
- o Chemicals: Avoid prolonged contact with the solvents and chemicals
- o Ensure personnel are instructed not to walk on the hose.



PRODUCT PARAMETERS / SAFETY DATA SHEET

HEAVY DUTY UV

Colour	White						
Material Description	Woven reinforced PVC film tube Heavy Duty fabric with an overlapped weld seam. Can be uses for pre lining.						
Code	NCooCT – 001WUV						
Resin Types	Suitable for most resin types: Polyester, Vinyl Ester and Epoxy.						
Pipe Diameters (mm)	100	110	150	200	250	300	350+
Maximum Pressure (Bar)	1.0	0.95	0.89	0.70	0.60	0.50	0.40
Temperature	Maximum working Temperature 80°C (Max Pressure 0.8)						
Weights	300 – 1000gsm						
Process	Recommended for ambient and hot cure applications, including large diameters.						
Length	Standard rolls: 50m and 100m (other lengths by special order)						
Bends	45° & long radius 90° bends						



PRODUCT STORAGE & HANDING CONDITIONS

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- o Shelf life at this temperature: more than 1 year.

Humidity:

- o Very high relative humidity, especially in high temperature countries (tropics,) will accelerate the degradation, consequently reducing shelf life
- o Recommended storage humidity 25% - 65% rh
- o Shelf life at 65%rh / 35°C = 1 year

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