traditional adhesive. This also allows for a lower preheat temperature and faster application then found with traditional

GTS-PP-100

3LPP Hybrid Coating System

The GTS-PP-100 system is a hybrid system combining a

Polypropylene backing with a thermoplastic hybrid adhesive. This combination results in a product with the mechanical protection of polypropylene with the ease of installation of a

3LPP systems.

Superior Mechanical Protection

 The GTS-PP-100 sleeve has superior impact and shear resistance by virtue of its polypropylene backing. The sleeve is engineered for use in offshore applications where mechanical resistance is required and the rapid cooling of polypropylene allows better resistance to offshore laying rollers

Unique Adhesive Technology

- Allows for lower installation pre-heat temperatures and superior bonding to PP, PE and FBE coatings
- The adhesive has been formulated to bond directly to the mainline coating; epoxy is applied to the steel only

Flexible installation

- GTS-PP-100 can be used as either a 2-layer or a 3-layer sleeve system with the same low preheat temperature
- For added flexibility, the sleeve can be supplied as either pre-cut to the required pipe sizes or as bulk rolls.

Long Term Corrosion Protection

 Provides a protective coating with the structural integrity of a seamless tube, providing excellent resistance to cathodic disbondment and excellent durability against abrasion and chemical attack.

Saves time and Money

 Lower pre-heat means less time heating and a faster installation.



CANUSA-CPS

Corrosion Protection & Sealing

Applications



High Abrasion Environments



High Moisture Environments



canusacps.com

GTS-PP-100

3LPP Hybrid Coating System

Sleeve Operating Characteristics	Test Meth	nod	Typical Values
Pipeline Operating Temp.			Jp to 100°C (212°F)*
Minimum Installation Temp.			90°C (194°F)
Main Line Coating Compatibility			PP, PE, FBE
Rapid Quenching Ability			Excellent
Adhesive Properties			
Softening Point	ASTM E28		124°C
Lap Shear @ 23°C	EN 12068		30 N/cm ²
Lap Shear @ 50°C	EN 12068		2.75 N/cm ²
Backing Properties			
Tensile Strength	ASTM D638		28 MPa
Elongation	ASTM D638		425%
Hardness	ASTM D2240		65 Shore D
Volume Resistivity	ASTM D257		2 x 1017 ohm-cm
Sleeve Properties			
Adhesion Strength @ 23°C	EN 12068		50 N/cm
Indentation Resistance	EN 12068		Pass
Impact Resistance	NF A 49-711		10 J/mm
Cathodic Disbondment @ 23°C, 28 days	ASTM G8		< 10 mm
Cathodic Disbondment @ 23°C, 28 days (with epoxy)	ASTM G8		< 3 mm
Bending Resistance	GBE/CW6		Pass
Thickness	т	L	S
Backing (nominal thickness as supplied)	0.9 mm (0.035″)	0.9 mm (0.035")	1.1 mm (0.045")
Adhesive (nominal thickness as supplied)	0.9 mm (0.035″)	1.4 mm (0.055″)	1.5 mm (0.060")

*Actual temperature rating is dependant on specific project requirements and conditions. Please consult your local Canusa representative. Epoxy usage can be referenced on the Liquid Epoxy, Type E Product Data Sheet. The product information shown here is intended as a guide for standard products.

Consult your Canusa representative for specific projects or unique applications at info@canusacps.com.



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Еигоре

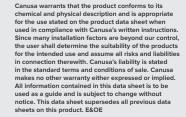
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Middle East

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Quality Management system registered to ISO 9001

Since 1967, Canusa-CPS has been a leading developer and manufacturer of specialty pipeline coatings for the sealing and corrosion protection of pipeline joints and other substrates. Canusa-CPS high performance products are manufactured to the highest quality standards and are available in a number of configurations to accommodate many specific project applications.



PDS_GTSPP100_rev020



Corrosion Protection and Sealing