## **CANUSA-CPS**

# WrapidTape

### **Primerless Crosslinked Protective Tape**

Canusa WrapidTape consists of a crosslinked polyolefin backing, coated with a protective, heat sensitive anti-corrosion adhesive which effectively bonds to steel substrates and common pipeline coatings including polyethylene and fusion bonded epoxy. Upon the application of heat, WrapidTape shrinks down to fully encapsulate the protected substrate. The product is packaged in convenient rolls with various widths to protect and repair pipelines, fittings, bends, elbows and other irregular configurations.



#### **Applications**



#### **Easy Installation**

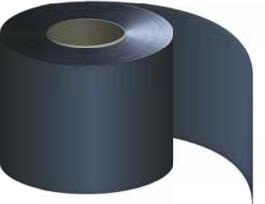
 The flexibility provided by the thinner tape dimension allows WrapidTape to effectively protect both conventional substrates such as circular pipe as well as irregular transitions such as elbows and risers. Upon the application of heat, the specially formulated adhesive flows into all surface irregularities, forming a protective barrier against corrosion.

#### Saves Time & Money

 WrapidTape is quick and easy to install. Since no special priming or operator equipment is required, product installation is quick and labour costs are kept to a minimum. Unlike conventional coldapplied tapes, WrapidTape does not require the use of high volatile primers, further minimizing costs and risks to health and safety.

#### **Long Term Protection**

 WrapidTape is manufactured using materials that provide high electrical resistivity, low water absorption and low moisture permeability. The unique crosslinking process results in a protective backing that is much tougher than conventional tapes, more effectively resisting abrasion and damage, and thus extending the lifetime of the substrate. WrapidTape can also be double or triple wrapped for extra mechanical protection when required.



# WrapidTape

**Operating Characteristics** 

Pipeline Operating Temp.

Minimum Installation Temp

Adhesive Properties

Softening Point

Lap Shear @ 23°C

Tensile Strength

Elongation

Hardness

Impact

Peel

**Backing Properties** 

Abrasion Resistance

Cathodic Disbondment

Water Absorption

Dielectric Voltage

Low Temp. Flexibility

Fully Recovered Thickness

Breakdown

Specific Gravity
Tape Properties

Mainline Coating Compatibility

Primerless Crosslinked Protective Tape

**Test Method** 

ASTM E28

ISO 21809-3

ASTM D638

ASTM D638

ASTM D2240

ASTM D1044

ASTM D792

ASTM G14

ASTM G8

ASTM D1000

ASTM D570

ASTM D149

ASTM D2671C

HCA

Up to 55°C

(131°F)

60°C (140°F)

PE, FBE, PU

72°C

50 N/cm<sup>2</sup>

20 MPa

600%

46 Shore D

45 mg

0.93

pass

13 mm rad

35 N/cm

0.05%

27 kV/mm

< -32°C

1.5 mm

HCO

Up to 60°C

(140°F)

65°C

(150°F)

Bit, CT, PU,

PE, PP, FBE

**Typical Values** 

87°C

22 N/cm<sup>2</sup>

20 MPa

600%

46 Shore D

45 mg

0.93

pass

6 mm rad

72 N/cm

0.05%

27 kV/mm

< -20°C

1.5 mm

HCC

Up to 40°C

(104°F)

60°C

(140°F)

Bit, CT, PU, PE,

PP, FBE

90°C

15 N/cm<sup>2</sup>

20 MPa

600%

46 Shore D

45 mg

0.93

pass

8 mm rad

26 N/cm 0.05%

27 kV/mm

< -14°C

1.5 mm

The product information shown here is intended as a guide for standard products.

Consult your Canusa representative for specific projects or unique applications.

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| 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.                                 |  |  |
|  |  |  |

### Quality Management system registered to ISO 9001

Canusa warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the product data sheet when used in compliance with Canusa's written instructions. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith. Canusa's liability is stated in the standard terms and conditions of sale. Canusa makes no other warranty either expressed or implied. All information contained in this data sheet is to be used as a guide and is subject to change without notice. This data sheet supersedes all previous data sheets on this product. E&OE

PDS\_WrapidTape\_rev020



## CANUSA-CPS

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