

### General Description

The PetroWrap Anti-Corrosion System has been developed for long term protection of metal surfaces that are underground, underwater, or exposed – even in the most severe environments. It consists of a cold applied system of petrolatum-based PetroWrap Anti-Corrosion Tape, PetroWrap Primer, and, where contouring is necessary, PetroWrap Mastic. PetroWrap adheres to surfaces without heating, even on damp and/or indifferently prepared areas.

The system:

- A. PetroWrap Primer Paste is a preparatory primer that displaces moisture, pacifies oxides, and fills small irregularities that occur on the surface to be wrapped with PetroWrap Anti-Corrosion Tape.
- B. PetroWrap Mastic is a cold applied filler which profiles areas to be tape wrapped by easing contours on pipe joints, flanges, bolts, and other irregular shapes to be wrapped with PetroWrap Anti-Corrosion Tape.
- C. PetroWrap Anti-Corrosion Tape consists of a non-woven, stitch bonded, synthetic fabric which has been fully impregnated with neutral petrolatum based compounds and inert fillers.
- D. PetroWrap Overwrap is a 10 mil (0.01 inch) thick tough adhesive tape. It is available in 50 mm and 100 mm widths.

### Applications

- Steel pipes, flanges and valves
- Welded pipe joints
- Cooling tower piping
- Pipe crossings
- Tank bases & sealing
- Fire protection
- Waterproofing & sealing
- Pipe & sprinkler systems
- Electrical connection boxes
- Cable splices
- Hydraulic pipes, valves & fittings
- Marine pilings

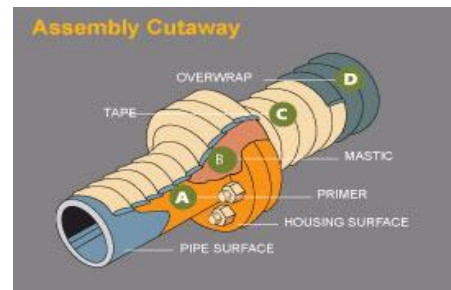
### Specifications

- Can be applied on wire-brushed surfaces
- Repels water, salt, alkalis and acids
- Protects new or corroded surfaces
- Temperature variances -40°C to +84°C
- Will not crack, peel or harden
- Non-toxic and environmentally friendly (Meets AWWA C217 Standard)
- PetroWrap Anti Corrosion System CSA Z245.30 compliant

ISSA CODE	WIDTH	LENGTH	WEIGHT(lb)	WEIGHT(kg)	ROLL/BOX
81 24 71	50 mm (2")	10 m (32.8')	55 lb	25	36
81 24 72	100 mm (4")	10 m (32.8')	55 lb	25	18
81 24 73	150 mm (6")	10 m (32.8')	55 lb	25	12
81 24 74	200 mm (8")	10 m (32.8')	49 lb	22	8

### Application Instructions

1. Remove all contaminants such as dirt, oil, scale and excessive moisture.
2. Brush Petrowrap Primer A evenly over surface to displace remaining moisture and ensure proper adhesion.
3. Press Petrowrap Mastic B into surface irregularities to eliminate air pockets.
4. Wrap Petrowrap Tape C spirally around prepared surface using even tension. An overlap of 55% is recommended to assure total protection.
5. Finish with Petrowrap Overwrap D applied like Petrowrap Tape to prevent mechanical damage as required.



**Technical Specifications****PetroWrap Primer Paste**

Flash point	265°C (510°F)
Specific gravity at 25°C	1.03
Cone penetration at 25°C	0.5 in.
Drop melting point	60°C (140°F)
Petrolatum wax by weight	77%
Minimum service temp	-40°C (-40°F)
Maximum service temp	70°C (158°F)
Minimum application temp	-40°C (-40°F)
Cathodic disbondment (ECD)	0

**PetroWrap Mastic**

Specific Gravity at 25°C	1.16
Drop melting point	73°C (163°F)
Flash point	332°C (629°F)
Application Temperature	-5°C (23°F) to 45°C (113°F)
Service Temperature	-10°C (14°F) to 55°C (140°F)
Service Life	30 years +

**PetroWrap Anti-Corrosion Tape**

Cone penetration at 25°C	0.24 in.
Drop melting point	73°C (163°F)
Breaking strength	45.6 lbf/in
Elongation	49%
Dielectric strength	193 volts/mil
Flash point	332°C (629°F)
Water vapour transmission	0.01 perms
Width deviation	-1%
Thickness of tape	53 mils
Weight	0.252 lbs/ft <sup>2</sup>
Petrolatum wax by weight	57%
Minimum service temp	-40°C (-40°F)
Maximum service temp	70°C (158°F)
Minimum application temp	-40°C (-40°F)
Cathodic disbondment (ECD)	0

**PetroWrap Overwrap**

Flexural strength	111 MPa
Tensile strength	165.4 MPa
Breakdown voltage	16.06 kV
Thickness of tape	10 mils
Minimum service temp	-56°C (-69°F)
Maximum service temp	343°C (650°F)
Minimum application temp	-40°C (-40°F)