



## Polywrap Anti-Corrosion Tape

### ◆ Description:

Polywrap is cold applied tape based on Petrolatum as a passive corrosion prevention system which consists of polyester fabric impregnated with petrolatum based compound.

Polywrap System is a uniform and integrated system including primer, mastic and anti-corrosion tape which causes durable protection due to minimum risk of delamination.

### ◆ Advantages:

- Non-hardening and non-cracking
- Minimum surface preparation
- Resistant to water, salt, acidic/alkaline components
- Protection of new or already rusted surfaces
- Without any cracking, peeling or hardening

### ◆ Main uses:

- Protection of steel pipes, valves, flanges
- Protection of Welded pipe joints
- Protection of cooling tower's pipes
- Protection of tank bases

### ◆ Physical properties:

|                               |  |
|-------------------------------|--|
| Color                         | Brown                                    |
| Thickness                     | 1.2±0.05 mm                              |
| Dielectric resistance         | 23 Kv                                    |
| Elongation at break           | 40%                                      |
| Petrolatum components content | 60%                                      |
| Water absorption              | < 0.01%                                  |
| Average weight                | 1.3 Kg/m <sup>2</sup>                    |
| Tensile strength (min)        | > 3.6 Kg/cm                              |
| Service temperature           | -20 <sup>0</sup> C to +65 <sup>0</sup> C |

### ◆ Application Guide:

Remove loose particles, contaminants, oil, corrosion products and sharp edges using an abrasives tools such as manual, electric or wire brushes to achieve a minimum finish of ST2.

Brush or hand apply Polywrap Primer over the entire area to displace remaining moisture

Apply Polywrap Mastic on the surface irregularities to prevent air pockets, and form an even surface.

Wrap Polywrap Tape in spiral way with a uniform tension without stretching.



Wrapping starts from 9 o'clock position of the pipe with 55% overlapping over factory coating and the ends between 1 and 3 o'clock position the pipe while wrapping down.

PE and PVC tapes, or geotextile and rock shields can be used to protect Polywrap Tape when surfaces are exposed to mechanical loading or UV.

**Note:** Polywrap Tape is not recommended if the coating is exposed to strong solvents.