

Viscous-elastic Anticorrosion Tape

Viscous-elastic Tape is an unique cold-applied, cold flow, self-healing for the protection of under- and aboveground substrates against corrosion. Viscous-elastic Tape always remaining plasticity and flexible characteristics after applied. It is good corrosion preventing to steel and factory applied pipeline coating like PE, PP, FBE PVC substrates. Applied without Primer and Heating, due to its liquid nature flows into all irregularities of the substrate.

Viscous-elastic Tape are Non crystalline a-polar viscous elastic solid polyolefin coating in roll form. Material not in fluid phase. Two layer system with corrosion protective inner wrap and mechanical protective outer wrap.

Standard: CDP-S-OGP-AC-017-2013

Testing standard: ISO21809-3

Color: Green

Thickness: 1.80~2.00mm

Fluid phase: 85°C/48h no dripping of compound

Insulation resistance: $2.0 \times 10^{12} \Omega \cdot m$

Peel strength:

Test on PE @23°C 5.5N/cm

Test on PE @-45°C 60N/cm

Test on FBE @23°C 5.5N/cm

Test on FBE @-45°C 60N/cm

Test on Steel @23°C 5.5N/cm

Test on Steel @-45°C 60N/cm

Coverage rate: $\geq 98.5\%$

Lay shear strength: @ 23°C 0.03Mpa

Resistance Chemical immersion: 10% NaOH, without peel

Water absorption: 0.025%

Temperature ranges: -30°C~+130°C

Operating Temperature: +85°C

Order information:

Roll width: 50~300mm

Roll Length: 10~20m

Paper core Dia: 38mm, 76mm, Paper core or Plastic core

Packing: Carton

Application:

1. For protection against external corrosion of steel pipeline, Joint, repair.
2. For protection the Flange, Valve, Pump, irregular shaped objects.

Application instruction:

The substrate surface should be dry, clean and St2/3 standard. (Contact skin cleaning by water)

2. Requires and additional flexible mechanical protective layer Outerwrap tape. The thickness $\geq 0.80\text{mm}$ PE Tape or thickness $\geq 1.10\text{mm}$ PP weaved tape.
3. Don't application in Rain, Snow, Fog and the air humidity $> 85\%$.

Storage:

1. Away from Fire, direct Sunlight or Rain.
2. Storage place @ $-5^{\circ}\text{C} \sim +45^{\circ}\text{C}$ temperature and the relative humidity $< 75\%$.
3. Unlimited shelf life.