



pypkote® 2 MM TAPE



Pypkote 2 mm is a Pipeline Corrosion Resistant Tape conforming to IS 10221 Appendix B specification. It comprises of a Tar based Polymeric mix supported on a film of high tensile strength HMHDPE. The Polymeric mix is specially manufactured to have properties of high softening point, high penetration and high resistance to ageing. Tape is terminated on both exteriors by thermofusible HMHDPE Films which aids in the installation process.

Pypkote 2 mm is available in widths of 500mm and 1000mm.

Application is fast and easy. The pipe surface is first cleaned with a wire brush. IWL CS is applied on pipes immediately after cleaning. This is to prevent any further accumulation of rust on the pipe. After the primer is applied on the pipe, it is allowed to dry for about 30 minutes till it becomes touch dry. Before adhering the tape to the pipe, it is advisable to gently heat the CS coated pipe by a run of LPG torch. The bottom surface of the tape is heated by LPG Torch or any heat source. The tape is wrapped either by spiral or circumference method over the pipe. Overlaps are maintained with a minimum of 12 mm. A final coat of White Wash is done immediately over the entire coated pipe.

Over weld joints, the tape is applied after the necessary welding and testing of the joints are completed. The procedure for application of tape is the same as bare pipe procedure. Overlaps on each side of the weld joints are to be 50 mm.

Pypkote 2 mm may also be applied as double layer system. In this case a second coat of IWL CS is applied over the first layer of Pypkote 2 mm tape. The CS is allowed to become touch dry. The bottom layer of HMHDPE film is removed from the tape by pulling it manually. The tape is thermofused and wrapped over the primed surface of the first layer like the first application. The overlaps are maintained at a minimum of 12 mm and sealed by thermofusion. Weld Joints are also similarly double wrapped.

Pypkote tape is recommended for application closer to the time of pipe erection and lowering inside trenches to avoid damages to Pypkote. While in storage, Pypkote Rolls must be stacked properly under cover.



pypkote® 2 mm Tape

| Sl. No | Characteristics | Test Method | Specification |
|--------|---|--------------|-------------------------|
| i | Softening Point ° C | ASTM D-36 | 65 to 121 |
| ii | Thickness | Measurement | 2 mm |
| iii | Penetration at 25°C, 100g, 5 sec, dmm | ASTM D-5 | 3 to 20 |
| iv | Filler, % | IS 1217 | 20 to 30 |
| v | Heat Resistance | ASTM D – 146 | Does Not Drip at 100° C |
| vi | Tensile Strength, N/5cm, Min Lengthwise Crosswise | Din 52123 | > 90 > 70 |

IWL reserves the right to modify the data shown on the technical sheet without prior notice.
IWL's technical office is at your complete disposal to provide assistance and information on the correct use of its products.
Contacts: W360, North Main Road, Anna Nagar West Extn, Chennai - 600 101, India. Tel: +91-44-45536000. Fax: +91-44-45536111 - www.iwl.in