

## Anticorrosion Material for Pipes

### Anticorrosive adhesive tapes

The compound cold-applied PE pipe wrap tape uses variety of PE and EVA as base film and butyl rubber as the coating. It is compounded one time under hot-melt status. In terms of use, the product may fall into three kinds, namely, anticorrosive adhesive tape (internal tape), protective adhesive tape (external tape) and repair tape. This product is characterized by uniform releasing force, excellent anticorrosive and insulation performance, long aging resistance time and ultraviolet rays-proof.



### Type specification

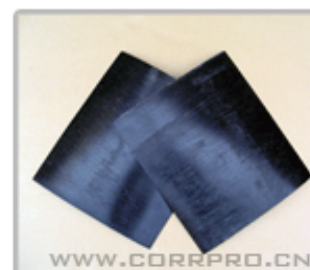
Item of specification	Standard	Value	
		Inner wrap	Outer wrap
Tensile strength at +23°C (N/10 mm tape width)	ASTM D1000	≥ 50	≥ 50
Yield strength at +23°C (N/10 mm tape width)	ASTM D1000	≥ 40	≥ 40
Elongation at break at + 23°C	ASTM D1000	≥ 300%	≥ 300%
Adhesion to primed steel at + 23°C at 300mm/min rate of extension (N/10 mm tape width)	ASTM D1000	≥ 25	-
Adhesion to backing at + 23°C at 300mm/min rate of extension (N/10 mm tape width)	ASTM D1000	≥ 4	≥ 4
Water vapour transmission rate (Gm/M <sup>2</sup> /24 hrs)	ASTM D96	≤ 0.2	≤ 0.1
Water absorption at + 23°C after 1 day	ASTM D570	≤ 0.1%	≤ 0.1%
Dielectric strength (KV/mm Thickness)	ASTM D1000 / ASTM D145	≥ 40	≥ 40
Application temperature	-	5°C-50°C	5°C -50°C

### Typical Applications

It is widely applied to pipes of petroleum, natural gas, chemical industry, electricity, urban fuel and drainage.

### Handy cap

Handy cap is prefabricated assembly specifically designed for cathodic protection leads to pipes and tanks. When pressed into position over the anode lead wire weld, then heated by fire, it forms a thick, highly resistant electrical insulation seal over the weld, the end of the lead wire and surrounding area of the pipe or tank.



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