

Pipeline Anticorrosive Adhesive Wraparound Tapes

- ◆ Joint coating and repairing for the service pipe or drainpipe of PE, PP-R and PVC
- ◆ Anti-corrosion of profiled fitting such as elbows, bends, three-way pipes and insulated flange
- ◆ Polyethylene and butyl rubber are the essential materials. The tape had excellent insulation and low water absorption.
- ◆ The thickness of the tapes is from 0.4 to 1.3mm. The Polyethylene layer is from 0.25 to 0.8mm and the adhesive layer is from 0.1-0.9mm
- ◆ The tape covers a wide range of heat resistance from -30°C to +80°C with good performance
- ◆ Good anticorrosion and crashworthiness are obtained by the tape
- ◆ Providing longevity of service, the tape almost can use from 30 years
- ◆ The application is wide, suitable for the pipes from 50mm to 1800mm
- ◆ Having convenient and safe operation, the tape can apply to factory and building site
- ◆ The cost is very low
- ◆ Wraparound Tape: Anticorrosion Tape, Protective Tape, Joint Wrap Tape



Technical Data:

Test item	Anticorrosion tape	Protective tape	Joint wrap tape	Test Method
Film tensile strength	≥18MPa	≥18MPa	≥18MPa	GB1040
Yield tensile strength	≥15MPa	≥15MPa	≥15MPa	GB1040
Elongation at break	≥200%	≥200%	≥200%	GB1040
Peel strength				
To primed steel plate	≥25N/cm	≥25N/cm	≥25N/cm	GB2792
To back material	5-10N/cm	5-10N/cm	5-10N/cm	GB2792
Dielectric strength	≥30Mv/m	≥30Mv/m	≥30Mv/m	GB1408
Volume resistivity	≥1X10 ¹² Ω.m	≥1X10 ¹² Ω.m	≥1X10 ¹² Ω.m	GB1410
Water absorption	≤0.1%	≤0.1%	≤0.1%	SY0414
Vapour permeability	≤0.2mg/cm ²	≤0.1mg/cm ²	≤0.1mg/cm ²	GB1037
Applicable temperature	5-50°C	5-50°C	5-50°C	
Color	Black	White	Black	

Technical standard of polyethylene tape coating for steel pipeline

Anticorrosion Tape

- ◆ Polyethylene is used as the base material which is coated by the liquid butyl rubber film

,both of which are pressed and compounded

♦It is mainly used on underground ,under-water and overhead pipelines. The major function for the tape is for anticorrosion of pipe

Type	T140	T150	T160	T170	T180	T1100	T1300
Total Thickness(mm)	0.40	0.50	0.60	0.70	0.80	1.00	1.27
Adhesive Thickness(mm)	0.28	0.30	0.35	0.35	0.40	0.50	0.64
Film thickness(mm)	0.12	0.20	0.25	0.35	0.40	0.50	0.63
Length(m)	30 50 60 120						
Width(m)	50 75 100 150 230 300						
Color	Black						

Protective Tape

♦Polyethylene is used as the base material which is coated by the liquid butyl rubber film

,both of which are pressed and compounded

♦The film of protective tape is thicker and higher in intensity

♦Protective tape will protect the pipe and its Anticorrosion tape surface from damage

Type	T240	T255	T265	T270	T280	T2100	T2130
Total Thickness(mm)	0.40	0.55	0.65	0.70	0.80	1.00	1.27
Adhesive Thickness(mm)	0.30	0.40	0.50	0.50	0.60	0.70	0.80
Film thickness(mm)	0.10	0.15	0.15	0.20	0.20	0.30	0.47
Length(m)	30 45 60 120						
Width(m)	50 75 100 150 230 300						
Color	White						

Joint Wrap Tape

♦Polyethylene is used as the base material which is coated by the liquid butyl rubber film

,both of which are pressed and compounded

♦Usually its PI film is thinner than the one of anticorrosion tape while the adhesive layer is much thicker

♦Joint wrap tape is used to pipe joints, elbows and three-way pipes for insulation and anticorrosion

Type	T360	T380	T3100	T3130
Total Thickness(mm)	0.60	0.80	1.00	01.27
Adhesive Thickness(mm)	0.30	0.30	0.40	0.40
Film thickness(mm)	0.30	0.50	0.60	0.87
Length(m)	30 45 60 120			
Width(m)	50 75 100 150 230 300			
Color	Black			