



COLD WRAP &
PIPE PROTECTION

TECHNICAL DATA SHEET CHAPTER

PRIMERLESS ANTI-CORROSION TAPE

PE / BUTYL • 0.80 MM • COLD APPLIED
NO PRIMER REQUIRED



No Primer
Needed



Cold Applied



Corrosion
Protection



Mechanical
Protection



UV Resistant



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TECHNICAL DATA SHEET

PRIMERLESS ANTI-CORROSION TAPE

PE / BUTYL · 0,80 MM · COLD APPLIED



**No Primer
Needed**

YTM MAKINA Primerless Anti-Corrosion Tape is a cold-applied tape coating for the corrosion and mechanical protection of field joints, fittings and pipes, on site or in the mill, for new line construction or reconditioning of buried and submarine metallic pipes. Its butyl rubber adhesive bonds to the pipe by itself, so no primer is required; the special PE backing provides durable protection. Applied by hand or with a wrapping machine.



TOTAL THICKNESS
0,80 MM



PRIMER
NOT REQUIRED



APPLICATION TEMPERATURE
-5°C TO +60°C



MAX. SERVICE TEMPERATURE
-40 °C TO +80 °C

KEY FEATURES

- ✓ Co-extruded backing - excellent adhesive bond
- ✓ Good adherence to primed steel
- ✓ High mechanical resistance of outer tape
- ✓ Resistant to cathodic disbondment
- ✓ UV resistant - cold applied

COMPOSITION

BUTYL RUBBER ADHESIVE

PE BACKING

RELEASE PAPER

COMPATIBLE WITH COATINGS

PE

PP

PU

FBE

CTE

TECHNICAL CHARACTERISTICS

Property	Unit	Value
Colour adhesive / backing	—	Black / black
Thickness total / backing / adhesive	mm	0,80 / 0,30 / 0,50
Elongation at break	%	≥ 450
Tensile strength	N/cm	≥ 60
Dielectric strength	kV/mm	42
Volume resistivity	Ω·m	≥ 2,5 × 10¹²
Water vapour transmission	g/(m ² ·24 h)	0,1
Water absorption	%	0,1
UV resistance, 600 h	%	≥ 60
Application temperature	°C	-5 to +60
Max. service temperature	°C	-40 to +80

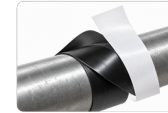
METHOD OF APPLICATION

1 CLEAN



Surfaces dry and free from dirt; solvent-wipe grease; wire-brush to St 2 (ISO 8501-1).

2 NO PRIMER



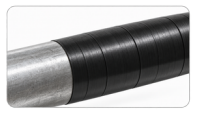
The special adhesive bonds to the pipe by itself - no primer is needed.

3 WRAP



Apply spirally by hand or with the YTM Manual Tape Wrapping Machine, with tension and overlap per project specification.

4 FINISH



Start new rolls by overlapping one tape width; press the end firmly in place.

SUPPLY

Width (mm)	Length (m)	Rolls / carton	Cartons / pallet
100 / 150	30	6 / 4	36

i Contact YTM MAKINA for project-specific requirements.

STORAGE & SAFETY

- ✓ Store cartons dry and covered, away from direct sunlight and heat.
- ✓ Wear gloves; cleaning solvents are flammable - no open flames.
- ✓ Read the Safety Data Sheet before use.

