

Coroplast 1000 PE series

Anti-corrosion tape, PE-based



Coroplast 1053 PE

Applications, advantages and properties

- › Polyethylene adhesive tapes as final wrapping on bitumen or butyl-coated welds of steel pipes, which offer secure mechanical protection
- › Anti-corrosion tape for installation pipes
- › Excellent resistance to ageing
- › Strong adhesion, even on tape backing
- › Can also be used at low temperatures
- › Functions as water vapour barrier when wrapped in several layers
- › Excellent electrical insulating properties

1051 PE

- › High flexibility

1053 PE

- › Sealing tape in air duct construction, for sealing in prestressed concrete structures as sealing tape for pipes carrying cold fluids, for protecting masts

1054 PE

- › As additional mechanical protection of high-grade stainless-steel pipes (e.g. in wastewater treatment plants)
- › Adhesive tape for protecting underground pipelines
- › Anti-corrosion tape for conduit pipes laid in masonry

1056 PE

- › Same as 1054 PE but provides greater mechanical load capacity

Technical data	1051 PE	1053 PE	1054 PE	1056 PE
Carrier	polyethylene film	polyethylene film	polyethylene film	polyethylene film
Adhesive	synthetic rubber	synthetic rubber	synthetic rubber	synthetic rubber
Thickness	0.15 mm	0.20 mm	0.25 mm	0.40 mm
Colours	black	black	black	black
Widths	19, 25, 30, 38, 50, 75 and 100 mm	19, 25, 30, 38, 50, 75 and 100 mm	19, 25, 30, 38, 50, 75, 100 and 200 mm	19, 25, 30, 38, 50, 75, 100 and 150 mm
Lengths	10 and 25 m	10 and 20 m	15 m	10 m
Tensile strength	20 N/cm	28 N/cm	38 N/cm	48 N/cm
Elongation at break	320 %	400 %	400 %	500 %
Adhesion to steel	5.0 N/cm	6.3 N/cm	6.3 N/cm	6.3 N/cm
Temperature range	-50 to +50 °C	-50 to +50 °C	-50 to +50 °C	-50 to +50 °C