

ULTRABOND RA

PERMA-BOND[™] ANTI-CORROSION PIPE COATING



Temperature Range

-40 °C (-40 °F) to 60 °C (140 °F)

Pipe Sizes

NPS 2 - 16 (60.3 - 406 mm)
up to 80 ft (24 m) lengths

Minimum Layer Thicknesses (Full System)

Applied as per CSA-Z245.21
Bespoke thicknesses available

Options

Double jacket for improved mechanical protection

ULTRABOND RA is a two-layer bonded external pipe coating consisting of a rubberized asphalt adhesive base layer, providing corrosion protection, and a high density polyethylene (HDPE) outer jacket offering moisture and soil resistance as well as excellent cathodic disbondment and mechanical protection. This design is well suited for gathering and distribution pipelines.

Technical Parameters

PROPERTY	CONDITIONS	TYPICAL VALUES*
Cathodic Disbondment	28 days @ 1.5 V @ 20 °C (68 °F) 24 hr @ 3.5 V @ 65 °C (149 °F)	≤ 6 mm (0.24 in) ≤ 6 mm (0.24 in)
Flexibility	2.5° / PD @ -30 °C (-22 °F)	No Cracking of HDPE
Impact Resistance	-30 °C (-22 °F)	≥ 3 J / mm of HDPE (0.06 lbf ft / mil)
UV Resistance		≤ 2 years
HDPE Peel Adhesion @ 20 °C (68 °F)		≥ 10.0 N (2.25 lbf)

Notes

*Typical values meet or exceed regulatory requirements and are based on historical data, not to be interpreted as product specification.

**CSA Z245.21-22 System A.



Sales Contacts

Rely on PERMA-PIPE to help provide the right anti-corrosion or insulating coating solutions for your project.

Please contact our Canadian sales office directly at (403) 264-4880 or askpermapipe@permapipe.com