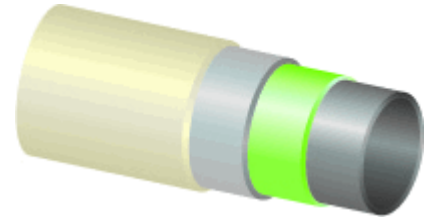


3 Layer Polypropylene Coating

Operating Conditions

3 layer polypropylene coating provides excellent corrosion protection, based on the use of a fusion bonded epoxy primer with the mechanical protection afforded by polypropylene. Suitable for application on water, oil and gas pipelines at service temperatures up to 140°C, 3LPP has an excellent track record.



Application and Standards

Wasco Coatings applies 3LPP in accordance with recognized international standards such as CSA Z245.21., DIN 30670, DIN 30678 and NF A49-711, as well as many customer specifications. Where required, Wasco Coatings can provide details of in house specifications for this product, or to help develop a project-specific coating specification.

Typical Properties

Description	Reference Standard	Typical Value*
Cathodic Disbondment	CSA-Z245.20-02 (12.8) 24 hours, 3.5V, 65°C 28days, 1.5V, 20°C	1.5 to 2.5 2.5 to 3.5
Adhesion	CSA-Z245.20-02 (12.14) 75°C, 24 hours	Rating 1
Impact resistance	DIN 30670	20+J
Hardness	Shore D ASTM D2240-97	62
Flexibility	CSA-Z245.20-02 (12.11) 3°/PPD @-30°C	Pass
Minimum Pipe Diameter		4.5"
Maximum Pipe Diameter		60"
Minimum Pipe Length		9.0 m
Maximum Pipe Length		24.4 m
Minimum Operating Temperature		-20°C
Maximum Operating Temperature		140°C

*Typical values are quoted but may vary as a result of surface treatments and materials used.