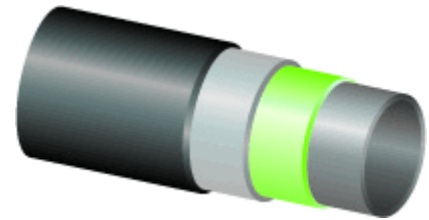


3 Layer Polyethylene Coating

Operating Conditions

3 layer polyethylene coating provides excellent corrosion protection, based on the use of a fusion bonded epoxy primer with the mechanical protection afforded by high density polyethylene. Suitable for application on water, oil and gas pipelines at service temperatures up to 85°C, 3LPE has an excellent track record.



Application and Standards

Wasco Coatings applies 3LPE in accordance with recognized international standards such as CSA Z245.21., DIN 30670 and AS1518, as well as many customer specifications. Where required Wasco Coatings can provide details of in house specifications for this product, or 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	15 - 20.0 J
Hardness	Shore D ASTM D2240-97	60
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		-40°C
Maximum Operating Temperature		85°C

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