

majorpack ziPLY ST - highly effective bimetallic multifactor protection system, designed and manufactured for the complex tubing's inner/outer surface & threaded connection protection in the highly aggressive environments, complicated with a set of corrosive factors.

ziPLY ST

Key features	majorpack ziPLY ST
Type of protection system	Fe/Zn intermetallic layer + stainless steel liner
Intermetallic layer thickness – inside/outside	1.6 - 5 mils (40 - 125 microns)*
Intermetallic layer thickness on the thread	0.8 – 2.8 mils (20 - 70 microns)*
Stainless steel liner wall thickness	0,8 – 1,5 mm **
Stainless steel grade	AISI 201/304/304L/316/321 **
Operational characteristics	Steam treatment, no restrictions Acid treatments, no restrictions Alkaline treatments, no restrictions
Anti-corrosion properties	Enhanced corrosion protection High H ₂ S protection Protection against CO ₂ corrosion Antibacterial protection (SRB, APB) Abrasion resistant Thread protection
Stainless steel liner operating temperature, not less than	752°F (400°C)
Fe/Zn intermetallic layer operating temperature, not less than	572°F (300°C)
Fe/Zn intermetallic layer adhesion, not less	30 MPa
High microhardness of the intermetallic layer	Up to 5250 MPa

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In accordance with the measurement method used by the manufacturer for coating and product control. Measurement procedure can be obtained from the manufacturer

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At the customer's choice