

ziPLY96+



ALTERIVER

Flow. Naturally

Alteriver inc.

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Key features	ziPLY96+
Fe/Zn intermetallic protection	—
Polymeric color	FeZn Intermetallic +Brown glossy
Coating type	Epoxy phenolic
Main application	Production/Injection tubing, flowlines, line pipe
Tubing intermetallic thickness – inner/outer surface	40-125 microns (1,6-5 mils)
Polymeric thickness	140 - 350microns (5.6 - 14mils)
Tubing thread intermetallic thickness	20-70 microns (0,8-2,8 mils)
Protection against H2S, ppm (mol.)	20 000
Protection against sweet corrosion (CO2), ppm (mol.)	15 000
Protection against ARPD	high
Anti-bacterial protection (SRB, APB)	v
Tubing's thread (pin-end) protection	v
Coupling's intermetallic protection	v
Abrasive wear resistance / SRP operation	v
Coating Roughness, microns	3
Acid/Alkiline treatments	Acid treatments: 10% HCl, t=50°C, max.duration 24 hours Alkaline treatments: 10% NaOH, t=50°C, max. duration: 24 hours
Polymeric temperature, up to	338°F (170°C)**
Short-time polymeric temperature, not more than / Including steam treatments	392°F (200°C)
Intermetallic temperature, not less than	572°F (300°C)
Polymeric layer adhesion, not less than	12MPa
**Temperature clarification	302°F (130°C) - severe CO2 corrosion; 266°F (110°C) - severe H2S corrosion

Types of Protection:

CORROSION, ABRASION, ARPD

Alteriver ziPLY96+ is multilayer protection system designed and manufactured for complete protection of tubing; including threads and external surfaces. Suitable for severely corrosive environments with additional ARPD issues.