

ziPLY96+™



ALTERIVER™

Flow. Naturally

Alteriver Inc.

11111 Katy Fwy Ste 910,
Houston, TX 77079
info@alteriver.com
alteriver.com

| 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.