



Majorpack ziPLY99 coating – 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.

Key features	ziPLY99
Polymeric color	Brown glossy
Coating type	FeZn Intermetallic + Epoxy phenolic
Tubing intermetallic thickness – inner/outer surface	1.6 - 5 mils (40 - 125 microns)
Polymeric thickness	5.6 - 14 mils (140 - 350 microns)
Tubing thread intermetallic thickness	0.8 - 2.8 mils (20 - 70 microns)
Coating roughness	3 microns
Anticorrosion properties	Protection against high H <sub>2</sub> S Protection from high sweet corrosion (CO <sub>2</sub> ) Anti-bacterial protection (SRB, APB) Thread protection ARPD protection Abrasive wear resistance
Acid/ Alkaline treatments	Acid treatments: pH > 2.5 Alkaline treatments: pH < 12
Polymeric temperature limit	302°F (150°C)
Short-time polymeric temperature limit	392°F (200°C)
Intermetallic temperature limit	572°F (300°C)
Polymeric layer adhesion, not less than	12 MPa

### TYPES OF PROTECTION

- Corrosion
- Abrasion
- ARPD

### KEY BENEFITS OF MAJORPACK

- ARPD control efficiency
- Corrosion control efficiency
- Cost efficiency
- Ample production capacities
- Reducing carbon footprint
- Ultra-low surface roughness

**3 - 18**

times is the operation cost reduction depending on the degree of complication

**85,000**

tons of products are manufactured yearly

**18,200**

wells in operation globally with majorpack® protective coatings

**Get in touch with your local Majorpack representative now and see how we can lower your costs today!**

#### Majorpack Inc.

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We are an emerging leader in industry standards of anti-corrosion coating technology for OCTG. Years of extensive research and product development have demonstrated that multifaceted systems are necessary for complete corrosion protection of downhole tubing.