



As part of your COMPLETE PCP SYSTEM, MANTL is proud to partner with Prime Coating Systems to supply a superior coated tubing that can withstand extreme down hole conditions.



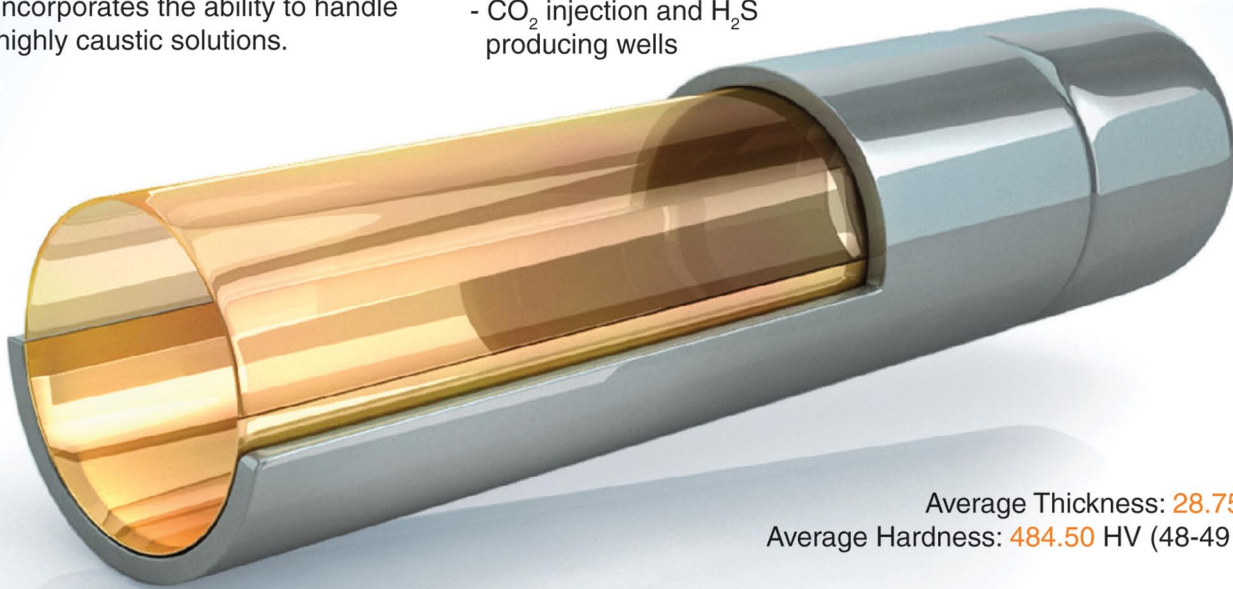
MAC-100Cc (Corrosion Control)

MAC 100Cc is our signature corrosion control product that incorporates a proprietary blend that produces a high quality Metallic Alloy Coating that is resistant to CO₂, H₂S and incorporates the ability to handle highly caustic solutions.

Benefits

- No ID Restriction
- Bond Strength > 19 K - 60 K PSI
- Excellent Corrosion Resistance
- Complete Protection of your tubing string that includes threads and couplings
- Reduce and/or eliminate inhibitor use.
- Suitable for Injector and Disposal wells.
- CO₂ injection and H₂S producing wells

COATED

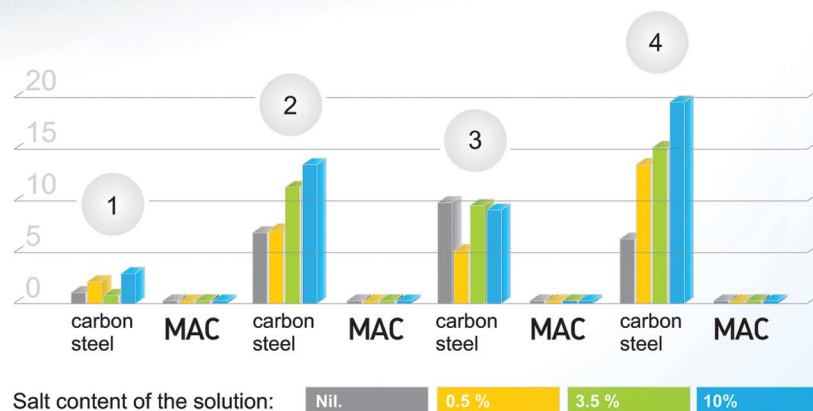


Average Thickness: 28.75 (µM)
Average Hardness: 484.50 HV (48-49 HRC)

Corrosion of Steel and Metallic Coating in Petroleum Production Brine at 95 Deg. C Corrosion rate, Mills Per Year

- 1 N₂ Deoxygenated Solutions
- 2 CO₂ Saturated Solutions
- 3 H₂S Saturated Solutions
- 4 CO₂+H₂S Saturated Solutions

REF: EN Conference 1980, R. Duncan, corrosion Results for petroleum applications



As part of your COMPLETE PCP SYSTEM, **MANTL** is proud to partner with **Prime Coating Systems** to supply a superior coated tubing that can withstand extreme down hole conditions.



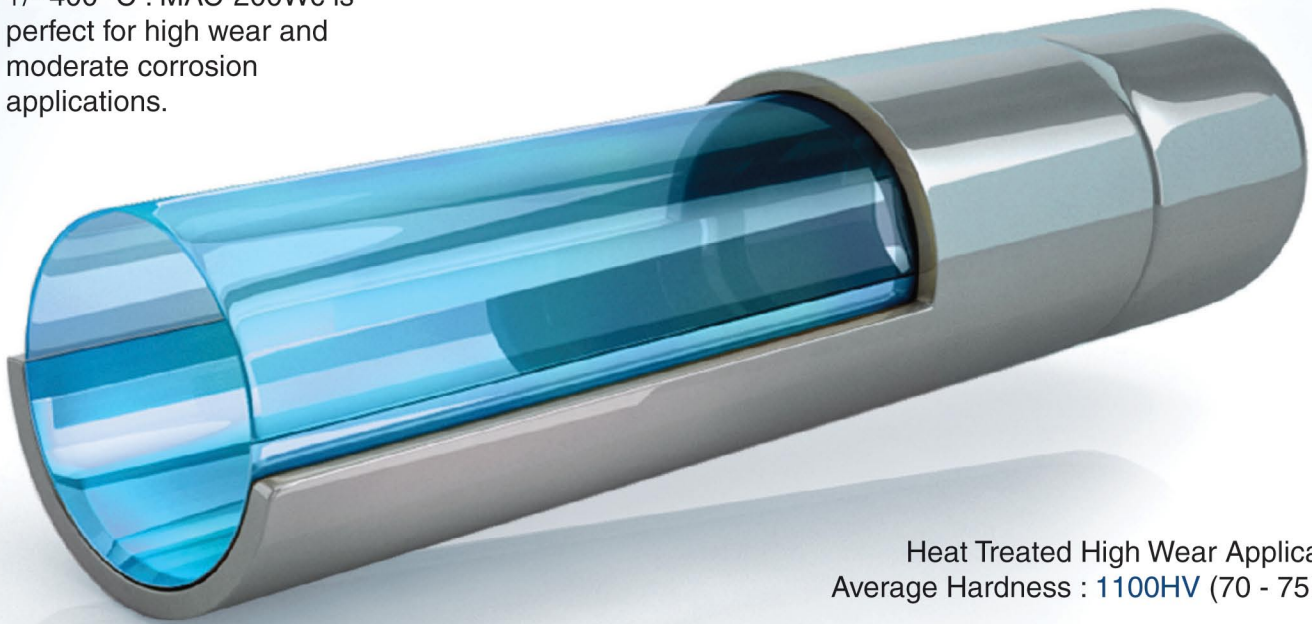
MAC-200Wc (Wear Control)

MAC-200Wc has a Rockwell Hardness of 70 which is perfectly suited for heavy wear use. Bake treatment does not effect substrate only heated to +/- 400 °C . MAC-200Wc is perfect for high wear and moderate corrosion applications.

Benefits

- Excellent for sliding wear applications (**Rod Wear**)
- Applied to high erosion and abrasive environments
- Suitable for high CO₂ and H₂S producing wells
- No ID Restriction
- Bond Strength > 19 K - 60 K Psi

COATED



Heat Treated High Wear Applications
Average Hardness : 1100HV (70 - 75HRC)

Taber Wear Index

Representative Post-Test Overview of Metallic Alloy Coating with Heat Treatment Application, Film Thickness at 1 mil/ 25 µm and 2 mil/ 50 µm

