



# O'BRIEN MJ™ Polymer Coated Tubing System



**Individual Tube Jacket:** Each tube is coated with TAW05589 TPU polymer and individually marked with the tube material and size as well as a tube identification number so they can be differentiated in the bundle. Eg, continuously marked "1" or "2" or "3" or "4" between the material and size information.

**Outer Jacket:** The application of O'Brien TAW05589 polymer coating includes proprietary processes of substrate preparation and extrusion of a proprietary polyether based thermoplastic polyurethane formulated for UV, ozone, abrasion and tear resistance as well as hydrolytic stability.

**Tube Materials:**

316, 317 and 2.5% Molly should have individual tubes polymer coated.

254 SMO, 625 Inconel, and 825 Incolloy may be provided with individually polymer coated tubes.

SAF 2205 Duplex and SAF 2507 SuperDuplex may be provided with individually polymer coated tubes. Multiple tubes in a bundle are provided as bare tubes.

Other metallurgies are available on request.

**Tube Configuration**

Continuous coils are the preferred configuration. Stick tubing is available in single tube only.

**Tube Size:**

Multiple Tubes: Min 1/8" (3mm) Max 3/4" (19mm) Single, Coil and Stick Tubes: Min 1/4" (6mm) Max 1" (25mm)

**Number of Tubes per Bundle:**

Up to 1/2" (12mm) Tubing: Four  
5/8" (16mm) Tubing: Three  
3/4" (19mm) Tubing: Two

**Maximum Bundle Length:** Maximum coil length

**Length Tolerance:** Exact and Continuous

**Minimum Order / Quote:** Minimum full supplier coil length per tube, 1/2 coil length for 1/4" (3mm) diameter tubes

**Mixed Sizes:** Any combination of sizes, up to four tubes or maximum allowed for largest tube, order determined by O'Brien.

**Tube Cleaning Specification:** Available NAS 1638 / ISO 4406

**Tube ID / Color:** Standard color is black with tube ID number print text.

Optional colored polymer coating:

White with Yellow Text	Gray with Yellow Text
Blue with White Text	Yellow with White Text
Red with White Text	Orange with White Text
Purple with White Text	Green with White Text

**Packaging:** Wood spools compliant to international packaging specifications. Inboard and outboard tube ends accessible for 'clean cutting.'

Stick tubes are packaged in internationally compliant wood or ready-crates and heavy wall PVC tubes.