# CBC-LOK® TUBE FITTINGS

Tylok CBC-Lok® double ferrule tube fittings are completely inter-changeable & inter-mixable with the tube fittings of Swagelok® and Parker A-Lok®.

## RAW MATERIAL SPECIFICATIONS

| Fitting Material | Bar Stock | Forging |
|---|---|---|
| Brass | ASTM B16<br>ASTM B453 | ASTM B283 |
| Stainless Steel | ASTM A276<br>ASTM A479<br>ASME SA-479<br>Type 316-SS | ASTM A182<br>ASME SA-182<br>Type 316-SS |
| Steel | ASTM A108 | |

* Reference Tubing Selection & Preparation

## TY-COR™ PROCESS

Ty-Cor™ refers to the treatment that diffuses carbon into the surface of the stainless steel, thereby increasing the surface hardness without affecting the quality of the metal treated. In fact, when AISI 316 stainless steel is treated, the corrosion resistance is equal to or better than non-treated 316 stainless steel. The increase in corrosion resistance to pitting and stress corrosion is very pronounced in media that contain chlorides (e.g., seawater, bleach, HCl, etc.). The Ty-Cor™ process applied to the rear ferrule also helps eliminate galling and ensures proper sealing on the tube end make-ups.

## QUALITY CONTROL

All components are manufactured & inspected to meet strict quality control standards in each phase of production. All employees are thoroughly trained to follow procedures, in accordance with the ISO 9001 Quality Standard, to ensure a quality product from the start of each job through completion.

## TEMPERATURE RATINGS

Tylok Instrumentation Pipe Fittings are rated at the following temperatures:

**316 Stainless:** -325°F to 1000°F (-198°C to 538°C) **Brass:** -40°F to 375°F (-40°C to 204°C) **Steel:** -20°F to 400°F (-28°C to 204°C)

Note: Consideration should be given to maximum temperature ratings and/or tubing are coated or plated.

## FEATURES

- Double ferrule swaging action
- Total component interchangeability
- Heat Code traceable
- ASTM material construction

MADE in the USA

## HEAT TRACEABILITY

Tylok Tube Fittings are completely heat code traceable back to the original mill heat from which they were made. Starting with the original billet, the mill creates a certificate that completely describes the chemical & physical makeup. For any one of the four components (body, front ferrule, rear ferrule, nut), the material certifications can be provided. Call Tylok and provided the heat code stamp marked on the part itself, along the part number to obtain the certificate.

Certified System ISO 9001 WBENC WOMEN'S BUSINESS ENTERPRISE NATIONAL COUNCIL Canadian Registration ABS TYPE APPROVAL PROGRAM TYLOK ASTM F1387