


| | | |
|---|--|---------------|
|  | Quality System | ETPA: 010TROM |
| Date: 30/04/2014 | TECHNICAL SPECIFICATION OF FINISHED PRODUCT | Version: 7 |
| Description: ELECTROGALVANIZED THREADED CONDUIT "ROS" | | Page: 1/1 |

Technical specification:

- Material: Low-carbon steel strip, cold laminated. Dimensions and tolerances according to EN 10131. Steel grade: DC03 as per EN-10130.
- Diameters and threads according to EN 60423
- Length = 3000 (+0/-3)mm,
- Classification according to EN 61386-1 and 61386-21:
 - Codification: 555711542010
 - Resistance to compression: Very strong (>4000 N).
 - Resistance to impact: Very strong (>20 J a -45°C).
 - Temperature range: -45 +400°C.
 - Resistance to bending: Rigid.
 - Electrical proprieties: With electrical continuity characteristics
 - Protection against ingress of solid objects: Dust protected (IP5X).
 - Protection against ingress of water: Spraying water (IPX4).
 - Resistance against corrosion: Medium protection inside and outside (Electrogalvanized/Varnish)..
 - Resistance to flame propagation: Non-flame propagating.
- Coating: Electrogalvanized and passivated outside, enamelled coating inside.

SIZES:

| REFERENCE | DESCRIPTION | OU SIDE DIAM. D (mm) | WALL THICKNES S E (mm) | THREAD | THREAD LENGTH - LR (mm) | INSIDE DIAM. d (mm) |
|------------|--------------|-------------------------------|------------------------------|-----------|----------------------------------|---------------------------|
| 010TROM016 | TUBO ROS M16 | 16+0/-0,3 | 1,2 | M16 x 1,5 | 12,5 | 13,6 |
| 010TROM020 | TUBO ROS M20 | 20+0/-0,3 | 1,2 | M20 x 1,5 | 14,0 | 17,6 |
| 010TROM025 | TUBO ROS M25 | 25+0/-0,4 | 1,2 | M25 x 1,5 | 17,0 | 22,6 |
| 010TROM032 | TUBO ROS M32 | 32+0/-0,4 | 1,4 | M32 x 1,5 | 19,0 | 29,2 |
| 010TROM040 | TUBO ROS M40 | 40+0/-0,4 | 1,4 | M40 x 1,5 | 19,0 | 37,2 |
| 010TROM050 | TUBO ROS M50 | 50+0/-0,4 | 1,4 | M50 x 1,5 | 19,0 | 47,2 |
| 010TROM063 | TUBO ROS M63 | 63+0/-0,4 | 1,7 | M63 x 1,5 | 19,0 | 59,6 |

DRAFT: N/A

| | DEPARTMENT | NAME | DATE | SIGNATURE |
|-----------------------------|----------------------|--------------|------------|-----------|
| WRITTEN AND APPROVED | Technical Department | C.Valdeperas | 30/04/2014 | Carles |