



# Non-Corrosive Control Lines Ltd

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|  |           |                 |
|--|-----------|-----------------|
| <b>Control / Injection Line Tubing Specification</b> | Number:   | <b>3540</b>     |
|  | Revision: | <b>0</b>        |
|  | Update:   | <b>24.09.03</b> |

welded calibrated, bright annealed, coiled control line tubing

| Dimension            | Material        | Specification/Standard |
|----------------------|-----------------|------------------------|
| <b>1/2" x 0.049"</b> | <b>TP 316 L</b> | <b>ASTM - A - 249</b>  |
| (12.70 x 1.24 mm)    |                 |                        |

| Tolerances       |      | (+)           | (-)           | (+)     | (-)     |
|------------------|------|---------------|---------------|---------|---------|
| Outside diameter | OD   | <b>0.004"</b> | <b>0.004"</b> | 0.10 mm | 0.10 mm |
| Wall thickness   | Wall | <b>10 %</b>   | <b>10 %</b>   | 10 %    | 10 %    |
| Length           | Lg   | <b>16.4'</b>  | <b>0'</b>     | 5 m     | 0 m     |

|                         | PSI          | BAR |                               |
|-------------------------|--------------|-----|-------------------------------|
| Air-under-water test    | <b>3.000</b> | 207 |                               |
| Hydraulic pressure test | <b>4.886</b> | 337 | Dwell time: <b>5 minutes.</b> |

|                   |               |                |
|-------------------|---------------|----------------|
| Working pressure  | <b>3.758</b>  |                |
| Burst pressure    | <b>15.033</b> | Computed value |
| Collapse pressure | <b>4.419</b>  | Computed value |

|                       | Spec/Standard        |                    |
|-----------------------|----------------------|--------------------|
| Vickers hardness (HV) | <b>NACE MR 01-75</b> | <b>maximum 235</b> |
| Tensile test          | <b>ASTM A 249</b>    |                    |

With test certificate acc. to DIN EN 10204 – 3.1 B

|   |
|---|
| Inspection during production stages:                                      |
| <b>100 % Non-destructive Eddy-Current testing acc. to ASTM – A – 1016</b> |
| <b>Flare test</b>   |
| <b>Flattening test</b>  |
| <b>Ring expanding test</b>  |
| <b>Reverse bend test</b>  |

Special requirements see order sheet

Since 1965 TÜV certifies [Schoeller tubing](#) the welding factor V = 1.0 for its TIG welded tubing, which signifies that it is comparable with seamless tubing.