



Yorkshire Refrigeration Tube Soft Product Assurance Certificate (ASTM B280)

This is to certify that **Yorkshire Copper Tube**, manufactured by our sister facility located in Al Hidd, Kingdom of Bahrain, an ISO 9001:2015, ISO 14001:2025 and ISO-45001:2018 certified manufacturing facility, produces Yorkshire Refrigeration Tube Soft products in accordance with **ASTM B280** dimensional specifications.

ASTM B280 Mechanical and Chemical Specifications:

- Copper Alloy Number: C12200
- Chemical Composition of Cu: 99.9% minimum
- Chemical Composition of P%:0.015 – 0.040%
- Temper: Soft Annealed, O60
- Tensile Strength: greater than > 205 MPa
- Elongation: greater than >40%
- Average Grain Size: 0.040 mm minimum

Yorkshire Refrigeration Service Coils ASTM B280					
OD		Wall Thickness		Weight	
inch	mm	inch	mm	lbs.	kg
1/4"	6.35	0.030	0.762	4.03	1.83
3/8"	9.53	0.032	0.813	6.69	3.03
1/2"	12.7	0.032	0.813	9.11	4.13
5/8"	15.88	0.035	0.889	12.53	5.68
3/4"	19.05	0.035	0.889	15.25	6.92
7/8"	22.23	0.045	1.143	22.75	10.32

Nominal ASTM B280 Dimensional Specifications:

**Above properties and dimensions are averages*

All Yorkshire Copper Tube products are manufactured under the company’s **General Conditions of Sale**. In addition, the products are covered by a **limited 10-year product assurance**, subject to the following conditions:

- This product assurance does not cover normal wear and tear (please refer to the General Conditions of Sale).
- The assurance applies only to product defects directly attributable to the manufacturing process (please refer to the General Conditions of Sale).
- This product assurance is valid solely for HVAC/R applications, provided the product is installed correctly and in line with industry best practices. Incorrect installation, misuse, mishandling, or exploitation will automatically nullify this assurance.
- This product assurance does not cover chemical, exterior, or environmental corrosion of the product.
- Liability under this product assurance is limited strictly to the replacement of the affected product due to manufacturing defects. It does not extend to installation costs, consequential damages, or other associated expenses.

Yorkshire Copper Tube reserves the right to amend the terms of this limited product assurance from time to time. However, the terms in effect at the time of product installation shall apply.

Issued for the Year 2025

