

# Kitemark™ Certificate

This is to certify that:

Mueller Europe Limited  
Oxford Street  
Bilston  
WV14 7DS  
United Kingdom

Holds Certificate Number:

KM 597187

In respect of:

**BS EN 13348**

**Copper and copper alloys - Seamless, round copper tubes for medical gases or vacuum**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:

Chris Lewis - Certification Director, Product Certification

First Issued: 2014-03-28

Latest Issue: 2019-01-29

Effective Date: 2019-01-29

Expiry Date: 2022-01-28



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# Kitemark™ Certificate

No. KM 597187

**BS EN 13348:2008 - Copper and copper alloys. Seamless, round copper tubes for medical gases or vacuum.**

| Temper                      | Diameter (mm) | Wall (mm) |
|-----------------------------|---------------|-----------|
| <b>Half-hard<br/>(R250)</b> | 12            | 0.6, 0.8  |
|                             | 15            | 0.7, 1.0  |
|                             | 22            | 0.9, 1.2  |
|                             | 28            | 0.9, 1.2  |
|                             | 35            | 1.2       |
|                             | 42            | 1.2       |
|                             | 54            | 1.2       |
| <b>Hard<br/>(R290)</b>      | 35            | 1.2       |
|                             | 54            | 1.2, 2.0  |
|                             | 66.7          | 1.2       |
|                             | 76.1          | 1.5       |
|                             | 108           | 1.5       |

## Tube Marking

### Export Market:

EN 13348 ♡ Streamline GB OD x Wall mm H Wednesbury MM/YY (for R250 Tube)

EN 13348 ♡ Streamline GB OD x Wall mm Wednesbury MM/YY (for R290 Tube)

EN 13348 ♡ OD x Wall mm H CPX DG CPOD CE0086 Medical MM/YY

### UK Market:

EN 13348 ♡ Streamline GB Black Label OD x Wall mm H Degreased MM/YY (for R250 Tube)

EN 13348 ♡ Streamline GB Black Label OD x Wall mm Degreased MM/YY (for R290 Tube)

♡ = Kitemark

OD = Outside Diameter

Wall = Wall Thickness

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This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

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