



水務署  
Water Supplies Department

總部 Headquarters

香港灣仔告士打道七號入境事務大樓 48 樓

48/F, Immigration Tower, 7 Gloucester Road, Wan Chai, Hong Kong

**Items with GA\* are  
clouded in RED  
below (Rev. A)**

本署檔號 : ( 2 ) in WSD 3321/2020 T/J(1226/2020)  
Our ref.  
來函檔號 :  
Your ref.

電話 :  
Tel.  
傳真 : 2824 0578  
Fax.

21 October 2020

### Approval of "TUB-E" Copper Pipes (General Acceptance No. C20200933)

Your letter ref. BK2020-VM-1063 dated 4 September 2020 refers.

Having considered the test report ref. BC-SUMMARY-2020-103 issued on 12 August 2020 by Castco Testing Centre Limited, this Authority accepts that the pipes described below comply with, and their use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

**Name of Manufacturer:** Mueller Europe Limited

**Country of Origin:** UK

**Brand:** tub-e

**Details of Pipes:**

1. Bare copper pipes (Class X)

| Model   | Temper | Size (mm)                                                 |
|---------|--------|-----------------------------------------------------------|
| PREMIUM | R250   | 15x0.7, 22x0.9, 28x0.9                                    |
|         | R290   | 35x1.2, 42x1.2, 54x1.2,<br>66.7x1.2, 76.1x1.5,<br>108x1.5 |

2. Copper pipes with polyethylene sheath for cold water applications (Class X)

| Model | Temper | Size (mm)                                           |
|-------|--------|-----------------------------------------------------|
| INSO  | R250   | 15x0.7, 22x0.9, 28x0.9                              |
|       | R290   | 35x1.2, 42x1.2, 54x1.2, 66.7x1.2, 76.1x1.5, 108x1.5 |

3. Copper pipes with profiled polyethylene sheath for hot water applications (Class X)

| Model     | Temper | Size (mm)              |
|-----------|--------|------------------------|
| INSO PLUS | R250   | 15x0.7, 22x0.9, 28x0.9 |
|           | R290   | 35x1.2, 42x1.2, 54x1.2 |

4. Copper pipes with polyethylene sheath for cold water applications plus LSOH & FIRE RETARDANT (Class X)

| Model                        | Temper | Size (mm)                                           |
|------------------------------|--------|-----------------------------------------------------|
| INSO - LSOH & FIRE RETARDANT | R250   | 15x0.7, 22x0.9, 28x0.9                              |
|                              | R290   | 35x1.2, 42x1.2, 54x1.2, 66.7x1.2, 76.1x1.5, 108x1.5 |

5. Copper pipes with profiled polyethylene sheath for hot water applications plus LSOH & FIRE RETARDANT (Class X)

| Model                             | Temper | Size (mm)              |
|-----------------------------------|--------|------------------------|
| INSO PLUS - LSOH & FIRE RETARDANT | R250   | 15x0.7, 22x0.9, 28x0.9 |
|                                   | R290   | 35x1.2, 42x1.2, 54x1.2 |

#### Body Markings:

For Bare copper pipes (Class X) (R250):  
tub-e ® PREMIUM BS EN 1057  
(DN) x (Wall Thickness) HH

For Bare copper pipes (Class X) (R290):  
tub-e ® PREMIUM BS EN 1057  
(DN) x (Wall Thickness) R290

For Copper pipes with polyethylene sheath for cold water applications (Class X) (R250):  
tub-e ® INSO EN 1057  
HH (DN) x (Wall Thickness)

For Copper pipes with polyethylene sheath for cold water applications (Class X) (R290):

tub-e ® INSO EN 1057

R290 (DN) x (Wall Thickness)

For Copper pipes with profiled polyethylene sheath for hot water applications (Class X) (R250):

tub-e ® INSO PLUS EN 1057

HH (DN) x (Wall Thickness)

For Copper pipes with profiled polyethylene sheath for hot water applications (Class X) (R290):

tub-e ® INSO PLUS EN 1057

R290 (DN) x (Wall Thickness)

For Copper pipes with polyethylene sheath for cold water applications plus LSOH & FIRE RETARDANT (Class X) (R250):

tub-e ® INSO LSOH & FIRE RETARDANT

EN 1057 HH (DN) x (Wall Thickness)

For Copper pipes with polyethylene sheath for cold water applications plus LSOH & FIRE RETARDANT (Class X) (R290):

tub-e ® INSO LSOH & FIRE RETARDANT

EN 1057 R290 (DN) x (Wall Thickness)

For Copper pipes with profiled polyethylene sheath for hot water applications plus LSOH & FIRE RETARDANT (Class X) (R250):

tub-e ® INSO PLUS LSOH & FIRE RETARDANT

EN 1057 HH (DN) x (Wall Thickness)

For Copper pipes with profiled polyethylene sheath for hot water applications plus LSOH & FIRE RETARDANT (Class X) (R290):

tub-e ® INSO PLUS LSOH & FIRE RETARDANT

EN 1057 R290 (DN) x (Wall Thickness)

**Expiry Date:**

4 August 2025

This Authority hereby permits the use of the above pipes in fresh water plumbing systems subject to full adherence to Waterworks installation requirements.

A condition of this acceptance is that the pipes to be installed should be replicas of the samples as certified by the testing agent mentioned above and without modifications. This acceptance may be withdrawn at any time if the standard of the pipes installed fails to meet that of the approved samples or if the pipes are found to be unsuitable for use in fresh water plumbing systems.

For the use of the pipes in any project, the General Acceptance Number of this letter must be quoted as a means of identification of acceptance of the pipes by this Authority.

Should you have any enquiries, please contact our Engineer Mr. Terry KUNG at tel. no. 3583 4086.

Yours faithfully,



(CHAN Chung-kun)

for Director of Water Supplies

Encl.

c.c.      WSD 3321/1/82    ] - without catalogue  
            ME/MC            ] - with soft copy only