# Multicollar *Slim*
## Universal Fire Collar

CE   ETA

**Fire resistance**
≤ 120 minutes

**Diameter**
Ø 315 mm

**Working life**
30 years

**ALL IN ONE**

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## Universal Fire Collar

Multicollar *Slim* is a 30 mm-high universal fire collar that consists of a stainless steel band made of 174 segments and a high-quality inlay on a graphite basis. In order to achieve the desired pipe diameter, the links can easily be separated. In the event of fire, the Multicollar *Slim* starts foaming and creates a fire-resistant seal to adjacent rooms. In combination with the Multisealant A sealant, it is also possible to achieve a smoke-proof finish. This fire collar has been extensively tested in Europe in accordance with EN 1366-3. The Multicollar *Slim* fire collar is a single product for all applications. Thanks to the Multiclips and Multiscrews included in the box, one person can easily install it.

Multicollar *Slim* forms part of the Mulcol® Penetration Seal System.

## Types of penetrations

✓ Standard plastic pipes
   *PVC-U, PVC-C, PP, PE, PE-HD, ABS, SAN+PVC*

✓ Sound-proofing plastic pipes
   *REHAU Raupanio plus, Geberit Silent-20dB, Wavin SiTech+, Wavin AS, Blue Power, POLO-KAL 3S*

✓ Aluminium composite pipes such as: PE-Xb, PE-Xc, PE-RT
   *Henco, Uponor, Wavin Tigris, Geberit Mepla, REHAU Rautitan*

✓ Fibre composite pipes such as: PP-R, PP-B, PP-RCT
   *Aquatherm, Climatec, Aquatechnik*

✓ Air-conditioning pipes such as: Wicu flex

✓ Copper and steel pipes

✓ Electric cables and cable bundles

✓ Cable pipes with and without electric cables

✓ Aluminium flue gas discharge pipes

✓ Concentric flue gas discharge pipes steel/PP

## Tested configurations

✓ Pipes in combination with steel pipe support shells

✓ Angled pipes (¾ principle)

✓ Pipes with a zero distance from walls and floors, U-shaped collar

✓ Pipes under a 45° angle

✓ Pipes tested with tuck-in, electric welding and glue sleeves

✓ Pipes with 87°/90° and 2x 45° corner pieces

✓ Multiple pipe solutions

✓ Pipes with or without insulation

**30 mm**

## www.mulcol.com
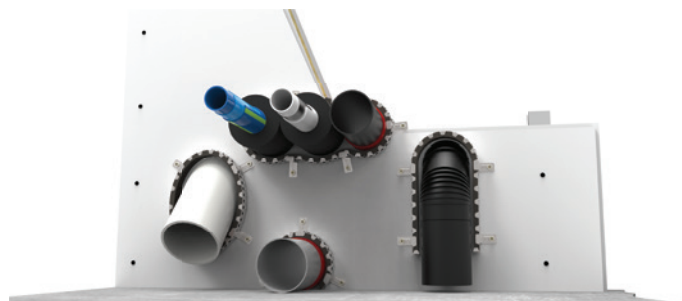
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## Technical insulation

- ✓ Thermacompact® TF, PE-foam
- ✓ ABsound Sonocool Type PM
- ✓ Jaco Massa Reinforced Alu, Jaco Massa Alu and Jaco Massa Black Alu
- ✓ Merfisol Silver ALU
- ✓ AF/Armaflex and SH/Armaflex

- ✓ Kaiflex ST and Kaiflex KKplus s2
- ✓ Insul-Phen, Insul-Pirplus and Insul-Pir 33
- ✓ Kingspan Tarecpir M1, Kingspan Tarecpir CR, Kingspan Tarecpir B2, Kingspan Tarecpir HT
- ✓ Kingspan Tarecpir HD and Kingspan Kooltherm FM

## Advantages

- ✓ Fire resistance ≤ 120 minutes
- ✓ Tested up to Ø 315 mm
- ✓ CE-certified
- ✓ Environmentally and user-friendly
- ✓ Easy to install
- ✓ One product for all applications
- ✓ One fixing medium for all structures
- ✓ Can be used anywhere thanks to its 30-mm height
- ✓ Also tested for non-standard applications
- ✓ User manual and all fasteners in one
- ✓ Damp, fungi and bacteria-resistant
- ✓ Halogen-free
- ✓ Working life of 30 years

## Applications

- ✓ Rigid floors and walls
- ✓ Flexible walls
- ✓ Shaft walls
- ✓ Firestop Boards



## Technical data

| | |
|---|---|
| Colour stainless steel band + inlay | Stainless steel + Anthracite |
| Application temperature | +5 °C to +50 °C |
| Temperature resistance | -20 °C to +80 °C |
| Reaction to fire | Class E in accordance with EN 13501-1 |

## Packaging

| | Dimensions | Box | Outer box | Pallet | Article number |
|---|---|---|---|---|---|
| Roll (174 segments) | 2610 x 30 x 12 mm | 1 piece | 8 pieces | 384 pieces | 206001174 |

### Accessories (included)

- ✓ 20 pieces of Multiclips, 30 mm
- ✓ 20 pieces of Multiscrews 7,5 x 40 mm
- ✓ 1 piece of Multibit T30
- ✓ 6 pieces of Conformity Statement

### Accessories (available separately)



**Multiclip Set**
20 pcs. Multiclip, 30 mm
20 pcs. Multiscrews 7,5 x 40 mm
*Article number 802060001*

**Multiclip Set L**
20 pcs. Multiclip L, 60 mm
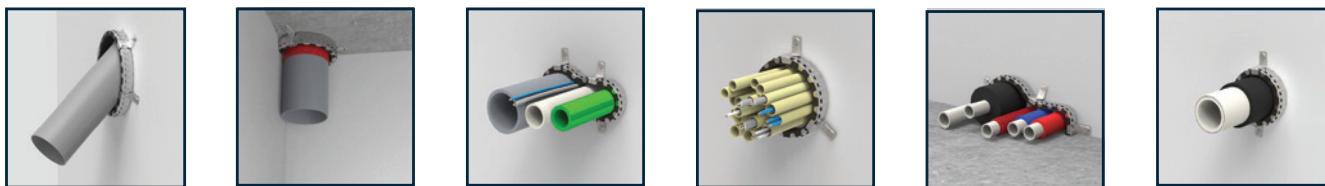20 pcs. Multiscrew 7,5 x 40 mm
*Article number 802060002*

**Conformity Statement**
Contents 6 pcs.
*Article number 802060104*

**Multiscrew FB**
20 pcs. Multiscrews FB, 40 mm for assembly on firestopping boards
*Article number 80206005*

## Consumption table for plastic pipes

| Ø Pipe [mm] | Segments | Multiclip | Multiclip Large | Quantity/roll |
|---|---|---|---|---|
| 16-40 | 15 | 2 | | 11 |
| 50 | 17 | 2 | | 10 |
| 56 | 18 | 2 | | 9 |
| 63 | 19 | 2 | | 9 |
| 75 | 22 | 2 | | 7 |
| 80 | 23 | 2 | | 7 |
| 90 | 25 | 2 | | 6 |
| 100 | 27 | 3 | | 6 |
| 110 | 29 | 3 | | 6 |
| 125 | 32 | 3 | | 5 |
| 140 | 36 | 3 | | 4 |
| 160 | 40 | 4 | | 4 |
| 200 | 48 (x2) | 1 | 5 | 3 (1,8) |
| 250 | 59 (x2) | 2 | 5 | 2 (1,4) |
| 315 | 72 (x2) | 2 | 6 | 2 (1,2) |

*The remaining segments of the Multicollar Slim on the roll can simply be linked up using the enclosed Multiclips, thus enabling maximum use of the Multicollar Slim.*

Please contact your Mulcol contact person for applications of plastic pipes and for the consumption overview of metal and aluminium composite pipes, aluminium flue gas discharge pipes and insulated pipes.

## Technical documents available

- Product Data Sheet (PDS)
- Technical Data Sheet (TDS)
- Safety Data Sheet (SDS)
- Installation Manual
- EC certificate

## Approvals

- Tested in accordance with EN 1366-3
- Classification in accordance with EN 13501-2
- Certified in accordance with EAD 350454-00-1104
- ETA report 17/0836
- Declaration of Performance (DoP)

The above documents are available from your Mulcol contact person or via **www.mulcol.com**

App Store · Google play · YouTube · VR | Virtual Reality · AR | Augmented Reality · MultiSelector

**Information**