

Prepared (also subject responsible if other)		No.		
HCI/T Peter Lo Curzio		1301-MTV 3100 Uen		
Approved	Checked	Date	Rev	Reference
HCI/T Peter Lo Curzio		2019-08-16	B	

## Microduct Rubber Paste Sealing Kit



### 1 General Information

The Hexatronic Microduct Rubber Paste Sealing Kit is used to longitudinally seal cavities in-between microducts in microduct assemblies as well as in-between cables. The kit is normally used to seal microduct assemblies entering buildings and manholes where water ingress is not allowed.

The “Rubber paste” used in this sealing kit, is a bi-component silicone product that cures at room temperature. The general nature of the mastic makes it excellent for sealing any type of microduct assemblies from 2 to 26 microducts or more. Correctly applied, it offers quick and easy installation and a secure watertight seal.

The sealing mastic is epoxy-free, harmless and when used according to instructions, environmentally friendly.


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## 2 Application

The kit is normally used for microduct assemblies with 2-26 microducts and with microduct dimensions of 3-10 mm.

<p>Use vinyl gloves, not latex (latex inhibits the hardening of the product).</p> <p>Take the same quantity of paste from the two containers or bags (1:1). Mix vigorously until the paste has a homogeneous color.</p> <p>Close the containers after use, do not invert the caps or lids between product A and product B.</p>	
<p>Apply to the exposed duct end and “massage” in the paste so it goes in-between all microducts and also covers the surface.</p> <p>Ensure that enough paste is used and that the paste is going into all cavities and also covering the duct sheath.</p>	
<p>Use electrical sealing tape to compress the formed rubber seal. Start from the duct sheath and let the tape overlap. Compress it hard!</p>	

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<p>Continue with the tape at least 2 cm over the section with the rubber mastic.</p> <p>The sealing is now complete, and can be used in operation, but allow setting in about 3 h at 23 °C to form a permanently, mechanically robust seal.</p>	
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For use at temperatures below 23° C, the workability and setting time will be higher; whereas for use at temperatures exceeding 23° C, the workability and setting time will be reduced. It is recommended to perform a test with small amounts of the product to as to evaluate the values of workability and setting time at working conditions.

The exact proportions 1:1 must be respected in order to obtain the correct timing and not alter the end characteristics of the product. The surfaces that will come into contact which the product must be absolutely clean, degreased and dry.

The Rubber paste is guaranteed for a period of 24 months if stored correctly between 5° - 27°C (41° - 80°F).

### 3 Compound Data

Appearance	Paste
Color of cured product	Light green
Mixing ratio A:B	1:1
Density	1,4 g/cc
Workability time	10 ± 10 min
Setting time	2 – 5 hours
Hardness after 24 h	37 ± 3 sh “A”
Tensile strength	1,8 ± 0,2 N/mm <sup>2</sup>
Elongation at break	176 ± 10%

### 4 Hazards Identification

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 (CLP).

### 5 Safety Data Sheets

1/1301-MTV31000  
2/1301-MTV31000

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## 6 Product Numbers



### MTV31000/1

Sealing Kit w. 250g+250g Rubber Mastic, 10 Rolls of Wrapping Tape, 100 Disposable Vinyl Gloves (50 pairs, Size - L)

One kit includes enough materials for 20-200 sealings depending on duct or cable configurations used.



### MTV31000/2

Sealing Kit w. 30g+30g Rubber Mastic in plastic bags, no accessories.

One kit includes enough materials for 1-10 sealings depending on duct or cable configurations used.

## 7 References

- [1] 2011/65/EU                      RoHS
- [2] 1907/2006/EG                REACH

## 8 Revision Information

2019-08-16 Revision B: New packaging size added

2019-04-10 Revision A: New document.