
 TECHNICAL DATA SHEET

PMAFIX Pro - KNH2 - Sealing Cap

Locking and Sealing Element




Locking and Sealing Element for PMAFIX Pro fitting bodies


Applications:

- For PMAFIX Pro fitting bodies

Features & Benefits:

- Optimum guidance and enclosure of the conduit
- Maximum sealing area towards both conduit and connector body
- Long term system ingress protection guaranteed even if the conduit is bent sharply close to the fitting
- Easy push-in mounting of the conduit correct assembly ensured simply by visual control
- Very good chemical properties
- Fits both conduit profiles - fine (T) and coarse (G)

Materials:

- High-grade, specially formulated polyamide 6 with soft component made from polyester elastomer

Compatible with:

- PMAFIX Pro fittings

Colour:

- Black/Anthracite

Chemical properties:

- Please refer to www.pma.ch (Technical Information / Chemical Resistance)

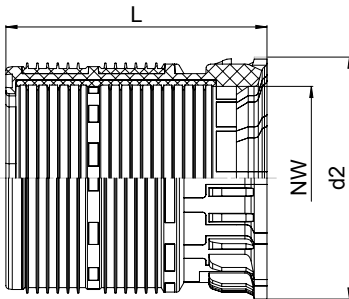
Environmental properties:

- Free from halogens and cadmium
- RoHS and REACH compliant

Product selection:

| Part no. | Conduit size | Dimensions in mm (nom.) | | Weight | Packing unit |
|------------------|--------------|-------------------------|------|------------|--------------|
| black/anthracite | NW | L | d2 | kg/100 pcs | pcs/PU |
| KNH2-NW10 | 10 | 28.0 | 22.0 | 0.5 | 50 |
| KNH2-NW12 | 12 | 33.5 | 25.5 | 0.7 | 50 |
| KNH2-NW17 | 17 | 38.5 | 31.5 | 1.0 | 50 |
| KNH2-NW23 | 23 | 41.0 | 38.5 | 1.4 | 30 |
| KNH2-NW29 | 29 | 46.5 | 46.5 | 1.8 | 20 |
| KNH2-NW36 | 36 | 50.5 | 55.5 | 3.0 | 20 |
| KNH2-NW48 | 48 | 56.5 | 68.0 | 4.3 | 10 |

Our customer service dept. or local distribution partner will be pleased to help you concerning product availability and lead time



| Mechanical Properties: | Value: | Test parameters: | Test method: |
|------------------------------|-----------------------------------|------------------|---------------------------------|
| Tensile modulus | 1'200 ... 3'700 N/mm ² | | ISO 527 |
| Tensile strength | 45 ... 65 N/mm ² | | ISO 527 |
| Notched bar impact test | 4 ... 20 kJ/m ² | | ISO 180/1C |
| Vibration and shock standard | Cat. 2 | | IEC 61373, IEC 60068-2-27 / -64 |

| Thermal properties: | Value: | Test parameters: | Test method: |
|------------------------------------|----------------|------------------|------------------|
| Continuous application temperature | -50 ... +105°C | | PMA DO 9.21-4510 |
| Upper application temperature | +120°C | (20'000 h) | PMA DO 9.21-4360 |
| Short-term | +160°C | (168 h) | PMA DO 9.21-4360 |

Content of delivery:

- Snap-in sealing insert

Assembly instructions:

- Please consider the appropriate assembly instructions on www.pma.ch

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