Applications:
- For cable protection systems in a wide range of applications
- Excellent fire characteristics allow application in public buildings like hospitals, hotels, airports, train and subway stations, shopping centres etc.
- For use according to National Electric Code (NEC) NFPA 70, Article 356

Features & Benefits:
- Extremely high impact resistance
- Vibration-resistant connection to PMA conduits
- Easy installation
- High conduit pull-out strength
- Very good chemical properties
- Fits conduit profile coarse (G)

Ingress protection:
- IP66, IP68 & IP69 (EN/IEC 60529)
- IP69, 100 bar with Water impact protection (WPS-ring)

Materials:
- High-grade, specially formulated polyamide 6

Compatible with:
- PMA FLEXPLus conduits

Conforms to:
- UL 514B / CSA C22.2 No. 18.3 (UL File E174370)
- UL 94 (V0)

Colour:
- Black
- Grey

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:

<table>
<thead>
<tr>
<th>Part no.</th>
<th>Thread size</th>
<th>Conduit size</th>
<th>Dimensions in mm (nom.)</th>
<th>Weight</th>
<th>Packing unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUWV-N027-UL</td>
<td>SUWV-N027-UL</td>
<td>1/2&quot;</td>
<td>17, 13.0, 29.5, 45.5, 58.5</td>
<td>1.9</td>
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<td>SUWV-N043-UL</td>
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<td>3.1</td>
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<tr>
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<td>SUWV-N069-UL</td>
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<td>SUWV-N076-UL</td>
<td>1 1/4&quot;</td>
<td>36, 18.0, 53.5, 77.0, 96.0</td>
<td>6.8</td>
<td>20</td>
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<tr>
<td>BUWV-N088-UL</td>
<td>SUWV-N088-UL</td>
<td>1 1/2&quot;</td>
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<td>BUWV-N098-UL</td>
<td>SUWV-N098-UL</td>
<td>2&quot;</td>
<td>48, 18.0, 66.0, 90.5, 111.0</td>
<td>12.2</td>
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</tr>
</tbody>
</table>

**Mechanical Properties:**

- **Tensile modulus:** 1'200 ... 3'700 N/mm² (ISO 527)
- **Tensile strength:** 45 ... 65 N/mm² (ISO 527)
- **Notched bar impact test:** 4 ... 20 kJ/m² (ISO 180/1C)

**Thermal properties:**

- **Continuous application temperature:** – 50 ... + 105 °C (PMA DO 9.21-4510)
- **Upper application temperature:** + 120°C (PMA DO 9.21-4360)
- **Short-term:** + 160 °C (168 h) (PMA DO 9.21-4360)

**Fire safety properties:**

- **Flame class:** V0 (V2) (UL 94)
- **Glowing wire test:** 960 °C (EN 60695-2-10)
- **Oxygen index (LOI):** > 30 % (ASTM D 2863)

### Content of delivery:
- Fitting with conduit locking clip (AUN2)
- Conduit gasket (NVN3)
- Thread gasket (SVN4)

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