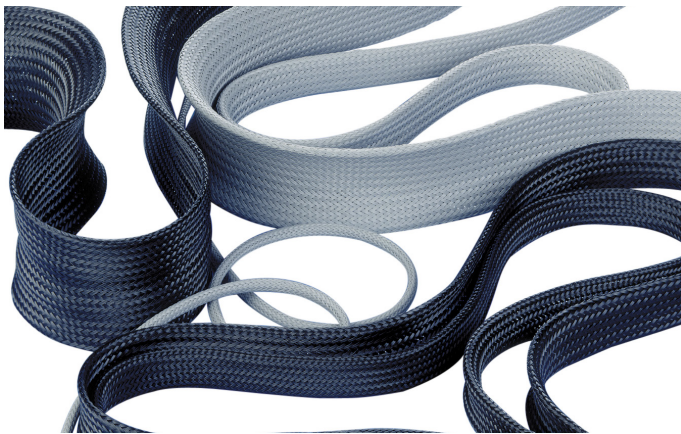


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 TECHNICAL DATA SHEET

# PMAJACK - L.66 - Braided Hose

**PMA**



Fire safety bundling and protection of cables and wire in applications where the combination of lightweight structure, low volume and flexibility is required.



## Applications:

- Industry, construction of vehicles and trains

## Features & Benefits:

- Coverage: > 65%
- Lightweight structure
- High flexibility
- Self-extinguishing

## Materials:

- Polyamide 6.6

## Compatible with:

- PMAJACK terminations

## Temperature range:

- -55°C ... +135°C continuous, +160°C short-term

## Conforms to:

- EN 45545-2 HL3 (R22 & R23)
- NFPA 130
- UL94 V2

## Construction:

- According to DIN 65164 (part 1 and 2)
- Stand Ø: 0.25 mm

## Colour:

- Black
- Grey

## Chemical properties:

- Please refer to [www.pma.ch](http://www.pma.ch)  
(Technical Information / Chemical Resistance)

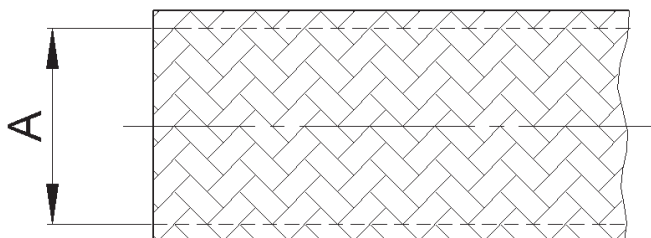
## Environmental properties:

- Free from halogens and cadmium
- RoHS and REACH compliant

**Product selection:**

| Part no.  |           | Construction | Braid size | fits to           | Range of application |           | Weight   | Packing unit |
|-----------|-----------|--------------|------------|-------------------|----------------------|-----------|----------|--------------|
| black     | grey      | numb. x Ø mm | NW         | PMA terminations  | min. Ø mm            | max. Ø mm | kg/100 m | metre        |
| L.66.04SW | L.66.04GR | 64 x 0.25    | 4          | -                 | 4.0                  | 7.0       | 0.4      | 100          |
| L.66.08SW | L.66.08GR | 64 x 0.25    | 8          | SRER-06           | 5.0                  | 10.0      | 0.4      | 100          |
| L.66.10SW | L.66.10GR | 120 x 0.25   | 10         | SRER-06           | 7.0                  | 13.0      | 0.8      | 50           |
| L.66.16SW | L.66.16GR | 144 x 0.25   | 16         | SRER-16           | 11.0                 | 20.0      | 0.9      | 50           |
| L.66.20SW | L.66.20GR | 216 x 0.25   | 20         | SRER-16           | 17.0                 | 33.0      | 1.3      | 50           |
| L.66.25SW | L.66.25GR | 240 x 0.25   | 25         | SRER-21 / SRER-29 | 21.0                 | 34.0      | 1.5      | 50           |
| L.66.30SW | L.66.30GR | 288 x 0.25   | 30         | SRER-21 / SRER-29 | 25.0                 | 45.0      | 1.8      | 50           |
| L.66.40SW | L.66.40GR | 288 x 0.25   | 40         | SRER-29           | 31.0                 | 55.0      | 1.7      | 50           |
| L.66.50SW | L.66.50GR | 480 x 0.25   | 50         | SREV-40 / SRER-50 | 58.0                 | 70.0      | 2.9      | 50           |

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



| Thermal properties:                | Value:         | Test parameters: | Test method:     |
|------------------------------------|----------------|------------------|------------------|
| Continuous application temperature | -55 ... +135°C |                  | PMA DO 9.21-4510 |
| Short-term                         | +160°C         | (168 h)          | PMA DO 9.21-4360 |

| Fire safety properties: | Value:                    | Test parameters: | Test method:              |
|-------------------------|---------------------------|------------------|---------------------------|
| Flammability class      | V2                        |                  | UL 94                     |
| Fire hazard level       | HL3                       |                  | EN 45545-2 (R22)          |
| Oxygen index            | > 32 %                    |                  | EN ISO 4589-2             |
| Smoke density           | < 150 Ds max.             |                  | EN ISO 5659-2 (25 kW/m2)  |
| Toxicity                | < 0.75 CIT <sub>NLP</sub> |                  | NF X 70-100-1/-2: (600°C) |

|                   |                          |  |                           |
|-------------------|--------------------------|--|---------------------------|
| Fire hazard level | HL3                      |  | EN 45545-2 (R23)          |
| Oxygen index      | > 32 %                   |  | EN ISO 4589-2             |
| Smoke density     | < 300 Ds max.            |  | EN ISO 5659-2 (25 kW/m2)  |
| Toxicity          | < 1.5 CIT <sub>NLP</sub> |  | NF X 70-100-1/-2: (600°C) |

|                   |           |  |            |
|-------------------|-----------|--|------------|
| Fire performance: |           |  | NFPA 130   |
| - Flammability    | compliant |  | ASTM E 162 |
| - Smoke density   | compliant |  | ASTM E 662 |

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