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|---------------------------|---------------------------|---|
| 6175 1590 | DATA SHEET |  |
| Valid from: 09.07.2018 | SILVYN® ELU smooth | |

The protective conduit SILVYN® ELU smooth consists of a flexible PVC sheath with a rigid PVC spiral welded in. The inner wall is smooth, so the cables, wires and single cables are easily to collect. By the reasons of flexibility, compressive strength and UV resistant the protection wire can also use in outdoor areas.



Material:

| | |
|--------|----------|
| Spiral | Hard PVC |
| Coat | Soft PVC |

Technical features:

| | |
|-------------------|---|
| Surface | Smooth |
| Profile | Coat with embedded spiral |
| Nominal width | NW 12 up to NW 63 |
| Protection class | IP67 and IP68 – 2bar acc. to EN 60529 |
| Temperature range | Depending on the used conduit gland -5°C up to +70°C |

Additional features:

| | |
|----------------------|------------------------|
| Compressive strength | 1200N acc. to EN 61386 |
| Bending resistance | Flexible |
| Tensile strength | 700N acc. to EN 61386 |
| UV-Resistant | |

Colour:

Black



Approvals:

Reference standards:


EN 61386-1

Suitable glands:

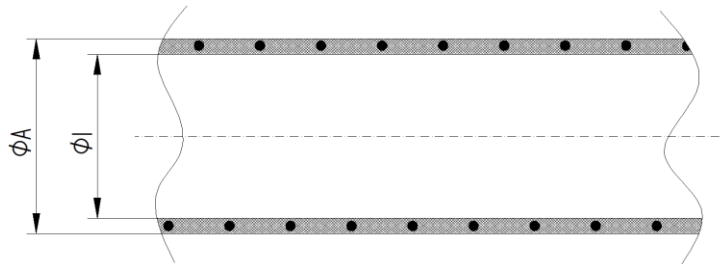
SILVYN® MPC-M
SILVYN® MPC 45° M
SILVYN® MPC 90° M
SILVYN® MPC
SILVYN® MPC 90°

For more information please see our current catalogue. Please do not hesitate to contact our laboratory if there are any questions regarding resistance against aggressive agents and special oil.

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Product drawing:



Dimension table:

| Part No. | Nominal width NW | Diameter mm | | Bending radius mm |
|-----------|---------------------|----------------|------|----------------------|
| | | Ø I | Ø A | |
| 6175 1590 | 12 | 10,0 | 14,2 | 50 |
| 6175 1591 | 16 | 12,0 | 17,8 | 50 |
| 6175 1592 | 20 | 16,0 | 21,1 | 70 |
| 6175 1593 | 25 | 21,0 | 26,4 | 90 |
| 6175 1595 | 32 | 26,5 | 33,1 | 140 |
| 6175 1596 | 40 | 35,4 | 41,8 | 190 |
| 6175 1597 | 50 | 40,0 | 47,9 | 240 |
| 6175 1598 | 63 | 51,3 | 59,7 | 270 |