

|                           |                    |                                                                                     |
|---------------------------|--------------------|-------------------------------------------------------------------------------------|
| 61751600                  | <b>DATA SHEET</b>  |  |
| Valid from:<br>03.07.2018 | <b>SILVYN® ELR</b> |                                                                                     |

The protective conduit SILVYN® ELR 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 and compressive strength the protection wire can also use in engineering, vehicle and automatic machines manufacture.



|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| <b>Material:</b>          | Sheath – soft PVC<br>Spiral – hard PVC                                             |
| <b>Features:</b>          | High flexible<br>Flat inside<br>Break-proof 120kg/100mm<br>Torsion rugged          |
| <b>Temperature range:</b> | - 20° up to + 70° C                                                                |
| <b>Colour:</b>            | Orange (RAL 2008)                                                                  |
| <b>Norm References:</b>   |  |
| <b>Notes:</b>             | self-extinguishing                                                                 |
| <b>Protection Class:</b>  | IP 67 up to IP 68                                                                  |

#### Dimension table:

| Part no.  | Conduit     | Nominal size | Diameter<br>mm |       | Min.<br>bending radius<br>mm |
|-----------|-------------|--------------|----------------|-------|------------------------------|
|           |             |              | inner          | outer |                              |
| 6175 1600 | SILVYN® ELR | 12           | 10             | 14,2  | 50                           |
| 6175 1601 | SILVYN® ELR | 16           | 12             | 17,8  | 50                           |
| 6175 1602 | SILVYN® ELR | 20           | 16             | 21,1  | 70                           |
| 6175 1603 | SILVYN® ELR | 25           | 21             | 26,4  | 90                           |
| 6175 1604 | SILVYN® ELR | 32           | 26,5           | 33,1  | 140                          |
| 6175 1605 | SILVYN® ELR | 40           | 35,4           | 41,8  | 190                          |
| 6175 1606 | SILVYN® ELR | 50           | 40             | 47,9  | 240                          |
| 6175 1607 | SILVYN® ELR | 63           | 51,3           | 59,7  | 270                          |

|                                              |                                       |             |
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### Suitable:

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

### Allocation tables:

| Conduit        | <br><b>Conduit gland straight metric</b> | <br><b>Conduit gland 90° metric angle</b> | <br><b>Conduit gland 45° metric angle</b> |
|----------------|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| SILVYN® ELR 12 | MPC-M 16x1,5/1                                                                                                            |                                                                                                                             |                                                                                                                              |
| SILVYN® ELR 16 | MPC-M 16x1,5/2                                                                                                            | MPC 90° M 16x1,5                                                                                                            |                                                                                                                              |
| SILVYN® ELR 16 | MPC-M 20x1,5/1                                                                                                            | MPC 90° M 20x1,5/1                                                                                                          | MPC 45° M 20x1,5/1                                                                                                           |
| SILVYN® ELR 20 | MPC-M 20x1,5/2                                                                                                            | MPC 90° M 20x1,5/2                                                                                                          | MPC 45° M 20x1,5/2                                                                                                           |
| SILVYN® ELR 25 | MPC-M 25x1,5                                                                                                              | MPC 90° M 25x1,5                                                                                                            | MPC 45° M 25x1,5                                                                                                             |
| SILVYN® ELR 32 | MPC-M 32x1,5/2                                                                                                            | MPC 90° M 32x1,5                                                                                                            | MPC 45° M 32x1,5                                                                                                             |
| SILVYN® ELR 40 | MPC-M 40x1,5                                                                                                              | MPC 90° M 40x1,5                                                                                                            |                                                                                                                              |
| SILVYN® ELR 50 | MPC-M 50x1,5                                                                                                              |                                                                                                                             |                                                                                                                              |
| SILVYN® ELR 63 | MPC-M 63x1,5                                                                                                              |                                                                                                                             |                                                                                                                              |

| Conduit        | <br><b>Conduit gland straight PG</b> | <br><b>Conduit gland 90° angle PG</b> |
|----------------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| SILVYN® ELR 12 | MPC PG 9                                                                                                                |                                                                                                                            |
| SILVYN® ELR 16 | MPC PG 11                                                                                                               | MPC 90° PG 11                                                                                                              |
| SILVYN® ELR 16 | MPC PG 13,5                                                                                                             | MPC 90° PG 13,5                                                                                                            |
| SILVYN® ELR 20 | MPC PG 16                                                                                                               | MPC 90° PG 16                                                                                                              |
| SILVYN® ELR 25 | MPC PG 21/1                                                                                                             | MPC 90° PG 21                                                                                                              |
| SILVYN® ELR 32 | MPC PG 29                                                                                                               | MPC 90° PG 29                                                                                                              |
| SILVYN® ELR 40 | MPC PG 36                                                                                                               | MPC 90° PG 36                                                                                                              |
| SILVYN® ELR 50 | MPC PG 42                                                                                                               |                                                                                                                            |
| SILVYN® ELR 63 | MPC PG 48                                                                                                               |                                                                                                                            |

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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