

|                           |                        |                                                                                     |
|---------------------------|------------------------|-------------------------------------------------------------------------------------|
| 61802330                  | <b>DATA SHEET</b>      |  |
| Valid from:<br>03.07.2018 | <b>SILVYN® FPS-EDU</b> |                                                                                     |

The plastic protection conduit with steel spring and steel wire SILVYN® FPS-EDU provide an optimal EMC protection and is also resistant to mechanical stress.

The Conduit can be used in the automotive, shipbuilding, automation and much more.



#### Material:

|                     |                                |
|---------------------|--------------------------------|
| Protection conduit: | PVC sheathed                   |
| Inside spiral:      | PVC sheathed spring steel wire |
| Braiding:           | Galvanized steel wire          |

#### Technical Features:

|                   |                           |
|-------------------|---------------------------|
| Profile           | Waved                     |
| Nominal size:     | NW 14 up to NW 56         |
| Protection class: | IP68 acc. to DIN EN 60529 |

#### Additional features:

|                                 |        |
|---------------------------------|--------|
| Free of Silicone and cadmium    | Yes    |
| Flexibility:                    | High   |
| Resistant to stretch and twist: | Yes    |
| Internal compression:           | High   |
| Resistant to oils and acids:    | Widely |
| Protection against hot swarfs:  | High   |

**Temperature range:** -25°C up to +90°C

**Colour:** Metallic, galvanized

**Approbation:**



**Norm Reference:** DIN EN 61386-23

**Suitable glands:**

SILVYN® MSK-M US  
SILVYN® US-M  
SILVYN® US

|                                           |                                       |             |
|-------------------------------------------|---------------------------------------|-------------|
| Creator: MAU1 /PDP<br>Released: DAMU1/PDP | Document: DB61802330EN<br>Version: 04 | Page 1 of 2 |
|-------------------------------------------|---------------------------------------|-------------|

|                           |                        |                                                                                     |
|---------------------------|------------------------|-------------------------------------------------------------------------------------|
| 61802330                  | <b>DATA SHEET</b>      |  |
| Valid from:<br>03.07.2018 | <b>SILVYN® FPS-EDU</b> |                                                                                     |

#### Dimension table:

| Part No.  | NW | Diameter<br>mm |       | Bending radius<br>mm |         | Weight<br>kg/m |
|-----------|----|----------------|-------|----------------------|---------|----------------|
|           |    | Inner          | Outer | static               | dynamic |                |
| 6180 2330 | 14 | 9,0            | 14,0  | 16                   | 40      | 0,15           |
| 6180 2331 | 17 | 12,0           | 17,0  | 19                   | 50      | 0,21           |
| 6180 2332 | 19 | 14,0           | 19,0  | 22                   | 55      | 0,25           |
| 6180 2333 | 21 | 15,0           | 21,0  | 24                   | 60      | 0,28           |
| 6180 2334 | 27 | 20,0           | 27,0  | 30                   | 75      | 0,38           |
| 6180 2335 | 36 | 28,0           | 36,0  | 40                   | 100     | 0,62           |
| 6180 2336 | 45 | 37,0           | 45,0  | 48                   | 120     | 0,82           |
| 6180 2337 | 56 | 48,0           | 56,0  | 60                   | 150     | 1,04           |

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.

|                                           |                                       |             |
|-------------------------------------------|---------------------------------------|-------------|
| Creator: MAU1 /PDP<br>Released: DAMU1/PDP | Document: DB61802330EN<br>Version: 04 | Page 2 of 2 |
|-------------------------------------------|---------------------------------------|-------------|