

| | | |
|---------------------------|-----------------------|---|
| 6440 0248 | DATA SHEET |  |
| Valid from: 24.04.2018 | SILVYN® HFX-V0 | |

SILVYN® HFX-V0 is a rugged, flexible and halogen free cable protection conduit with a galvanised steel band and a smooth polyurethane coat. The protection conduit resists falling rock, snow, ice and dirt, also by lower temperatures. Due to his features the protection conduit SILVYN® HFX-V0 can be used in all railway applications with changing environmental conditions.



Material:

| | |
|------|------------------------|
| Body | Steel band, galvanized |
| Coat | Polyurethane |

Technical features:

| | |
|-------------------|---|
| Surface | Smooth |
| Profile | Strip wounded with Square-locked and cotton thread |
| Nominal size | NW 5/16" up to NW 2" |
| Protection class | IP66 and IP 67 acc. to EN 60529 |
| Temperature range | Depending on the used conduit gland -50°C up to +105°C |

Additional features:

| | |
|--------------------------|--------------------------------------|
| Compressive strength | Class 4 (1250N) acc. to EN 61386 |
| Impact strength | Class 4 (6J) acc. to EN 61386 |
| Bending resistance | Flexible |
| Tensile strength | Class 4 (1000N) acc. to EN 61386 |
| Fire classification | V0 acc. to UL94 |
| Fire hazardous level | HL2 (R22 and R23) acc. to EN 45545-2 |
| Oxygen index | 31,6% acc. to EN ISO 4589-2 |
| Free of halogen and lead | |
| UV resistant | |

Color:

Black



Approbation:

Reference standards:

IEC 61386-1
IEC 61386-23
EN 45545-2

Suitable glands:

SILVYN® COMPACT M
SILVYN® COMPACT PG
SILVYN® COMPACT NPT

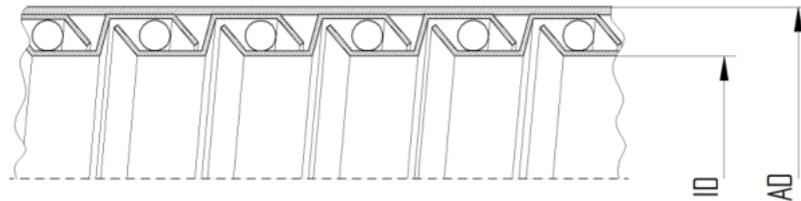
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automation

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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| Creator: MAU1/PDP Released: DAMU1/PDP | Document: DB64400248EN Version: 01 | Page 1 of 2 |
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Product drawing:



Dimension table:

| Part No. | Nominal size | Diameter mm | | Max. Bending radius mm | | Weight Kg/m |
|-----------|--------------|-------------|------|------------------------|---------|-------------|
| | | ID | AD | static | dynamic | |
| 6440 0248 | 5/16" | 10,1 | 14,4 | 50 | 65 | 0,2 |
| 6440 0241 | 3/8" | 12,6 | 17,8 | 60 | 85 | 0,3 |
| 6440 0253 | 1/2" | 16,0 | 21,1 | 75 | 110 | 0,4 |
| 6440 0242 | 3/4" | 21,0 | 26,4 | 90 | 140 | 0,6 |
| 6440 0243 | 1" | 26,5 | 33,1 | 120 | 170 | 0,8 |
| 6440 0244 | 1 1/4" | 35,1 | 41,8 | 135 | 215 | 1,1 |
| 6440 0245 | 1 1/2" | 40,3 | 47,8 | 165 | 250 | 1,5 |
| 6440 0246 | 2" | 51,6 | 59,9 | 210 | 300 | 2,0 |