

Product Description

Dimensionally stable; Highly flexible at cold temperatures; Flame-retardant and self-extinguishing according to UL 94V-2; Crush-resistant; Highly flexible



Application range

- Mechanical engineering
- In drag chains (SILVYN® CHAIN)
- Building Automation
- Robot-building
- Outdoor application (in black)

Benefits

- Dimensionally stable
- Highly flexible at cold temperatures
- Flame-retardant and self-extinguishing according to UL 94V-2
- Crush-resistant
- Highly flexible

Design

- Fine-profile corrugated polyamide 12 conduit

Approvals

- Railway: DB, SNCF

Note

- UV and weather-resistant in black

Product features

- Halogen and cadmium-free
- Abrasion-resistant
- High resistance to oil, petrol, acids and other chemicals

Technical Data

Approvals

VDE EN/IEC 61386-23 Lloyd's Register Rail: DB
DIN 5510 Teil2 (S4/SR2/ST2) SNCF
NFF-16-101/102 (I3/F2)

Colour delivered

Grey (RAL 7001) Black (RAL 9005), UV-resistant

Material

PA 12 Silicone-free Halogen-free UL 94V-2

Temperature range

-50°C bis +100°C short-term +150°C

Article List

Part number	Article designation	Article IØ x OØ (mm)	Bending radius (mm)	Suitable for SILVYN® KCLICK-GM/WM	Suitable for SILVYN® KCLICK-GP/WP	Suitable for SILVYN® KCLICK-GPZ-M/GPZ	PU ring (m)
SILVYN® RILL PA 12 grey							
61815100	7	6,5 x 10	13	10 x 1,5	7/-	12 x 1,5/7	50
61815110	9	10 x 13	15	12 x 1,5/16 x 1,5	9/9	16x1,5/9	50
61815120	11	12 x 15,8	22	16 x 1,5/20 x 1,5	11/11	20x1,5/11	50
61815180	13,5	14,3 x 18,5	27		13,5/13,5	-/13,5	50
61815130	16	16,5 x 21,2	35	20 x 1,5	16/16	25x1,5/16	50
61815140	21	23 x 28,5	45	25 x 1,5	21/21	32x1,5/21	50
61815150	29	29 x 34,5	50	32 x 1,5	29/29	40x1,5/29	25

61815160	36	36 x 42,5	80	40 x 1,5	36/ -	50x1,5/36	25
61815170	48	48 x 54,5	100	50 x 1,5	48/-	63x1,5/48	25
SILVYN® RILL PA 12 black							
61815105	7	6,5 x 10	13	10 x 1,5	7/-	12 x 1,5/7	50
61815115	9	10 x 13	15	12 x 1,5/16 x 1,5	9/9	16x1,5/9	50
61815125	11	12 x 15,8	22	16 x 1,5/20 x 1,5	11/11	20x1,5/11	50
61815185	13,5	14,3 x 18,5	27		13,5/13,5	-/13,5	50
61815135	16	16,5 x 21,2	35	20 x 1,5	16/16	25x1,5/16	50
61815145	21	23 x 28,5	45	25 x 1,5	21/21	32x1,5/21	50
61815155	29	29 x 34,5	50	32 x 1,5	29/29	40x1,5/29	25
61815165	36	36 x 42,5	80	40 x 1,5	36/ -	50x1,5/36	25
61815175	48	48 x 54,5	100	50 x 1,5	48/-	63x1,5/48	25

Footnote:

Photographs are not to scale and do not represent detailed images of the respective products.