

Product Description

Dimensionally stable; Highly flexible at cold temperatures; Crushable and extendable; High resistance to oil, petrol, acids and greases; Air-tight and impermeable



Application range

- Outdoors
- Mechanical engineering
- In drag chains (SILVYN® CHAIN)
- Robot-building
- Moving applications

Benefits

- Dimensionally stable
- Highly flexible at cold temperatures
- Crushable and extendable
- High resistance to oil, petrol, acids and greases
- Air-tight and impermeable

Design

- PVC-insulated steel spring wire
- PUR outer sheath

Note

- PU = 50 m (on request)



Product features

- Halogen and cadmium-free
- Abrasion and microbe-resistant
- Fire behaviour of outer sheath according to UL 94V-0

Technical Data

Colour delivered

Metallic blue

Temperature range

-40 °C to +80 °C

Material

PUR with PVC-insulated spring steel wire

Fire behaviour according to UL 94V-0

Article List

Part number	Internal Ø x external Ø (mm)	Bending radius (mm)	Inner Ø (mm)	Weight (kg/m)	Suitable for SILVYN® USK-M/US-M	Suitable for SILVYN® LKI-M/MSK-M	Suitable for SILVYN® USK/US/LKI/EE-K	PU ring (m)
SILVYN® FD-PU								
64453660	7 x 10	10	7	0.09	10 x 1,0	12 x 1,5	7	10
64453670	10 x 14	14	10	0.11	12 x 1,5	16 x 1,5	9	10
64453680	13 x 17	17	13	0.22	16 x 1,5	20 x 1,5	11	10
64453690	15 x 19	19	15	0.28			13,5	10
64453700	16 x 21	21	16	0.3	20 x 1,5	25 x 1,5	16	10
64453710	22 x 27	27	22	0.33	25 x 1,5	32 x 1,5	21	10
64453720	29 x 36	36	29	0.45	32 x 1,5	40 x 1,5	29	10
64453730	38 x 45	45	38	0.56	40 x 1,5	50 x 1,5	36	10
64453750	48 x 56	56	48	0.82	50 x 1,5	63 x 1,5	48	10

Footnote:

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