



Typ ELS



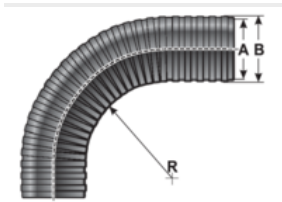
Product information

The ELS cable protection conduits are made of high-quality soft PVC, and the integrated support coil of plastic coated spring steel. The conduits are suitable for high continuous bending and very high mechanical loads.

The silicone and cadmium-free ELS cable protection conduits are used mainly to protect electrical lines in control unit construction, apparatus and mechanical engineering and feature the following advantages:

- Highly flexible
- Extremely small bending radius
- Dimensionally stable
- Hard-wearing and kink-resistant
- Air and liquid-tight

Information, conformities and approvals



Article	Order No.	Color	A Ø mm	B Ø mm	Stat./Dyn. Radius mm	Weight kg/100m	Suitable for EH/S	Suitable for ELD/K	PU m
ELS 07 1) 1**)	83321050	Black	7	10	8/20	7.0	PG 07		100
ELS 07	83321010	Gray	7	10	8/20	7.0	PG 07		50
ELS 09 2)	83321012	Gray	10	14	10/25	8.5	M12x1,5/9		50
ELS 11	83321014	Gray	13	17	13/35	13.0	M12x1,5/11	M20x1,5	50
ELS 13 2)	83321016	Gray	15	19	15/40	15.0	M20x1,5/13		50
ELS 16 2)	83321018	Gray	16	21	17/45	21.0	M20x1,5/16	M25x1,5	50
ELS 21	83321020	Gray	22	27	20/50	29.0	M25x1,5/21	M32x1,5	50
ELS 29	83321022	Gray	29	36	25/65	44.0	M32x1,5/29	M40x1,5	25
ELS 36	83321024	Gray	38	45	36/90	54.0	M40x1,5/36	M50x1,5	25
ELS 42 1) 1**)	83321026	Gray	44	52	38/95	72.0			25
ELS 48	83321028	Gray	48	56	40/100	88.0	M50x1,5/48	M63x1,5	25

1) Discontinued product!

2) No stock goods, delivery time and minimum order quantities upon request

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Material properties



Polyvinyl chloride (PVC)
Spring steel



High angle consistency

>1200 N 50 x 50 mm According to IEC EN 61386 ELS 21 Testing at 23 °C
N 100 x 100 mm According to IEC EN 61386 EL 21 Testing at 23 °C

Thermal properties



Temperature / temperature range

-25 °C - 80 °C / short term: 100 °C

Fire properties



Fire classification

acc. to UL94: V2 self-extinguishing

Chemical resistances



Resistant to:

Alcohol
Lyes
Fuels
Weak acids

Conformity



RoHS (EC Directive 2011/65/EU)

Classification

ETIM 9: EC001177
ECLASS 14: 27430304

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