



Typ ELS



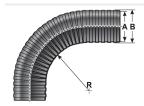
Product information

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





RoHS

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





Typ ELS

Material properties



Polyvinyl chloride (PVC) || Spring steel ||

High angle consistency>1200 N50 x 50 mm100 x 100 mm According to IEC EN 61386According to IEC EN 61386 ELS 21EL 21 Testing at 23 $^\circ$ CTesting at 23 $^\circ$ C

Thermal properties



Temperature / temperature range -25 $^{\circ}\text{C}$ – 80 $^{\circ}\text{C}$ / short term: 100 $^{\circ}\text{C}$

Fire properties



Fire classificationacc. to UL94: V2 self-extinguishing

Chemical resistances



Resistant to:AlcoholLyesFuelsWeak acids

Conformity



RoHS (EC Directive 2011/65/EU)

Classification



ETIM 9: EC001177 || eClass 14: 27430304 || UNSPSC: 39131706 ||

All details given in our sales brochures and catalogues, as well as the information available online, are based on our current knowledge of the products described. The electronic data and files made available by Murrplastik, particularly CAD files are based on our current knowledge of the products described. A legally binding assurance of certain properties or the suitability for a certain purpose can not be determined from this information. All information with respect to the chemical and physical properties of Murrplastik products, as well as application advice given verbally, in writing or by tests, is given to the best of our knowledge. They do not release the buyer from the obligation to carry out his own tests and trials in order to determine the concrete suitability of the products for the intended purpose. Murrplastik accepts no responsibility for the available information being up-to-date, correct or complete. Neither do we accept responsibility for the quality of this information. Murrplastik accepts no liability for damage caused as a result of using our products. Murrplastik reserves the right to make technical changes and improvements through constant further development of products and services. Our General Terms and Conditions apply.