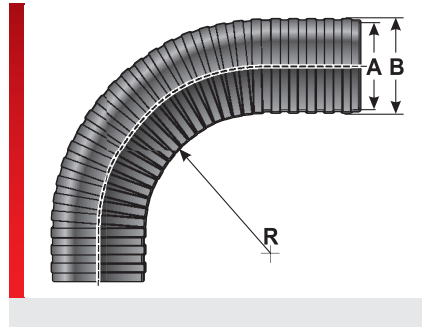
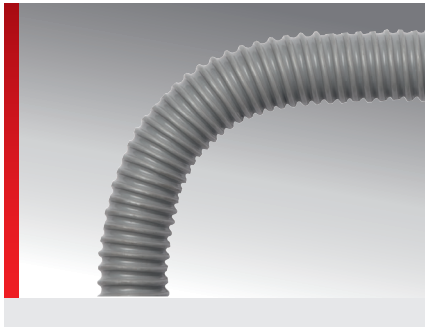


## Type ELS



Cable protection conduit closed

### 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 construc-

tion, 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

### SPECIFICATIONS

- Polyvinyl chloride (PVC)
- Spring steel
- In conformity with IEC EN 61386  
Crush resistance: > 1200 N
- 25 – 80 °C transient / short term 100 °C
- i.a.w. UL94 V2 self-extinguishing

RoHS

Type	Order No.	Colour	A Ø mm	B Ø mm	R stat. mm	R dyn. mm	Weight kg/100m	Pack m
ELS 07 <sup>1)</sup>	83321050	Black	7.00	10.00	8.00	20.00	7.00	100
No stock goods, delivery time and minimum order quantities upon request								
ELS 07	83321010	Grey	7.00	10.00	8.00	20.00	7.00	50
ELS 09 <sup>2)</sup>	83321012	Grey	10.00	14.00	10.00	25.00	8.50	50
ELS 11	83321014	Grey	13.00	17.00	13.00	35.00	13.00	50
ELS 13 <sup>2)</sup>	83321016	Grey	15.00	19.00	15.00	40.00	15.00	50
ELS 16 <sup>2)</sup>	83321018	Grey	16.00	21.00	17.00	45.00	21.00	50
ELS 21	83321020	Grey	22.00	27.00	20.00	50.00	29.00	50
ELS 29	83321022	Grey	29.00	36.00	25.00	65.00	44.00	25
ELS 36	83321024	Grey	38.00	45.00	36.00	90.00	54.00	25
ELS 42 <sup>1)</sup>	83321026	Grey	44.00	52.00	38.00	95.00	72.00	25
No stock goods, delivery time and minimum order quantities upon request								
ELS 48	83321028	Grey	48.00	56.00	40.00	100.00	88.00	25
<sup>1)</sup> Part to be phased out! <sup>2)</sup> No stock goods, delivery time and minimum order quantities upon request								

### MATERIAL PROPERTIES

Polyvinyl chloride (PVC)  
 Spring steel

**High angle consistency**  
Crush resistance: > 1200 N; Testing method: In conformity with IEC EN 61386; Test value: ELS 21

## Type ELS

### THERMAL PROPERTIES

**Temperature / temperature range**

-25 – 80 °C transient / short term 100 °C

### FIRE BEHAVIOUR

**Fire classification**

i.a.w. UL94 V2 self-extinguishing

### CONFORMITY



**RoHS (EC Directive 2011/65/EC)**

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 product described.

A legally binding assurance of certain properties or the suitability for a certain purpose can not be determined from this information.

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Murrplastik reserves the right to make technical changes and improvements through constant further development of products and services.

Our General Terms and Conditions apply.