



NAME  
Order Nr  
Type

Betonflex conduit  
710-714  
BF16/20/25/32/40

### Description

Concrete strength, flexible and halogen-free conduit with sleek surface inside and outside. This tubing is laid in concrete structures as well as for lying of EL and TT installations in building slabs before pouring concrete. If properly maintained, they have a life expectancy of up to 100 years, making the pipes a cost-effective and long-term piping solution for heavy-duty use.

- pressure resistant up to 750N
- temperature resistant from -15° up to +60°C
- diameters: 16/20/25/32/40mm
- easily bent to all angles and all types of wires/cables

### Properties

Color	orange
Highly resistant	to all pressures
	to any possible damages
Halogen-free	YES
Conduit system	underground
Waterproof	YES

### Technical features

Chemical resistant	YES
Good electrical insulator	
Resiatance to crushing	750 N/5cm

### Certificates & standards

CE	YES
Non-Flammability	Self-extinguishing
ÖVE	YES
RoHS	YES
Design voltage	Medium/low

### Key features

Very flexible and light weight  
 Good electrical resistance  
 Better replacement to corrugated steel pipes and plain rigid PVC conduit pipes

### Material

Polyethylene (PE)

### Environmental conditions

Ambient temperature (24h)	35°C
Ambient temperature (maximum)	60°C
Ambient temperature (minimum)	-5°C
Max. rel. humidity at 25°C (short term)	90%
Max. rel. humidity at 40°C	50%

### Dimensions

Nominal Diameter mm	Maximum Outside Diameter mm	Maximum Inside Diameter mm	Minimum Bending Radius mm	Coil Length in mtrs
16	16 ± 0.3	12	48	100m
20	20 ± 0.4	16	60	100m
25	25 ± 0.4	21	75	50m
32	32 ± 0.4	27,5	96	50m
40	40 ± 0.4	35	120	50m