

# One Shoe CE – Corrugated single Wall pipes – electric/Ited

## Flexible pipe with flame retardant, low smoke halogen-free (LSZH)

**One Shoe CE grey** pipe is made of thermoplastic material (polyolefin), with a single corrugated wall (corrugated from inside) which gives good mechanical properties (320N and 2J), it is also called ICTA 2321 (insulating/malleable crosswise elastic/interior wrinkled walls) and in Ited by FA-F (flexible with corrugated external and internal wall and light resistance), for use inside buildings and is supplied with a conductor guide in PET.



$\varnothing_{ext}$ (mm)	$\varnothing_{ext}$ tolerance (mm)	$\varnothing_{int}$ (mm)	Coil (m)	Classification - 232122670010 Annex A from EN 61386-1
16	+0.0-0.3	11.8	100	Compressive strength (crushing): 320 N (2) Impact resistance: 2 J (3) with IK: 07 Minimum operating temperature: -5 ° C (2) Maximum operating temperature: +60 ° C (1) Protection degree provided by enclosure (IEC 60529): IP67 (box-to-box link)
20	+0.0-0.3	14.5	100	
25	+0.0-0.4	19.2	50	
32	+0.0-0.4	24.7	50	
40	+0.0-0.4	31.8	50	
50	+0.0-0.5	40.4	50	

### Other technical characteristics

**Material:** Polyethylene with flame retardant

**Colour:** Grey (type RAL 7011)

**Marking:**

IBOTEC ONE SHOE CE  $\varnothing$  xx mm ICTA 2321 EN61386-22 DATE+OP  
(OP –IBOTEC traceability code)

**Folding resistance:** 2 (Pliable)

With flame retardant additives Low Smoke Zero Halogen - **LSZH**: Preventing in case of fire, dense and acid smoke.

### Application:

Applies to the coating of electrical and telecommunications cables inside buildings, complying with the requirements of the "Technical Rules for Low Voltage Electrical Installations (RTIEBT Portaria 949-A/2006), the new Ited regulation (ICP-ANACOM 4th edition 2020) and as well the standards EN 61386-1 and EN 61386-22, which are harmonized for CE marking under Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available of electrical equipment on the market to be used within certain voltage limits.

### Remarks for installation:

It does not need accessories to perform curvatures and can be easily cut with a knife or scissors. Care must be taken to avoid pinching the tube, especially with heavy machinery or equipment.

Can be installed inside buildings (slab, wall, cage wall, projecting, mat, corete, roof and roof in cage).



The characteristics can be improved as a result of improvements and technological advances.

Our Quality Department is available for any clarification.

The information and data are assumed to accurate and safe.

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