

# Ibogris – smooth pliable pipes general use grey colour

## Pleable pipe without flame retardant, low smoke halogen-free (LSZH)

**Ibogris** pipe is made of thermoplastic material (polyolefins type PE), consists of a smooth wall with good mechanical properties (320N and 6J), it is also called ICL 2421 (insulating / pliable / smooth inner wall) or ML 2421 (polyethylene / resistance to medium mechanical actions / pliable) for general use and can be supplied with or without pulling plastic guide.



$\varnothing_{ext}$ (mm)	$\varnothing_{ext}$ tolerance (mm)	e (mm)	$\varnothing_{int}$ (mm)	Coil (m)	Classification - 242122670010 Annex A from EN 61386-1
16	+0.0-0.3	1.4	13.0	100	Compression (crush) test: 320 N (2)
20	+0.0-0.3	1.7	16.4	100	Impact test: 6 J (4) with IK 08
25	+0.0-0.4	1.8	21.2	50	Minimum temperature use: -5 °C (2)
32	+0.0-0.4	2.1	27.6	50	Maximum temperature use: +60 °C (1)
					Protection provided by enclosure (IEC 60529): IP67 (box to box connection)

### Other technical characteristics

**Material:** Polyethylene without flame retardants

**Colour:** Grey

**Marking on pipe:**

**Ibogris**  $\varnothing$  xx mm DATE+OP

**Marking on tag:**

IBOTEC IBOGRIS – ICL 2421

- TUBO GRIS RL C/G  $\varnothing$  X e X yy MT DATA+OP

- TUBO GRIS RL S/G  $\varnothing$  X e X yy MT DATA+OP

**Resistance to bending:** 2 (Pleable)

**Low Smoke Zero Halogene “LSZH”:** Prevent in case of fire exposure, dense and acid smoke.

### Application:

Applies to cable ducting for general purpose.

### Remarks for installation:

Does not require any fittings to make curves. Piping can be easily cut with a knife or scissors.  
One should be careful and avoid step on the pipe, especially with machinery or heavy 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.

**IBOTEC.**

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