

PRODUCT: Smooth surface PE cable protection pipe

PARAMETERS:	Nominal outside diameter d_{em}:	160 mm
	Maximum outside diameter $d_{em,max}$:	161,0 mm
	Nominal wall thickness $e_{n(min)}$:	11,8 mm
	Minimum inside diameter $d_{im,min}$:	133,6 mm
	Ovality tolerance min-max:	3,2 mm
	Material:	PE (polyethylene)
	Color:	red with yellow stripes or black with red stripes
	Ringstiffness:	SN32
	Resistance to compression:	1500 [N]
	Resistance to impact (class)	N (normal)
	Bending:	Rigid
	Application temperature:	-25 °C until +90 °C
	Max allowed short term internal pressure:	10 bar
	Application area:	conduit systems buried underground
	Recommended jointing method:	butt welding: Welding process according to parameters set in standard DVS 2207-1. Hot plate temp 215±5 °C, heating time 65 sec, cooling time under the pressure 15 min, after removing from equipment and before installation cooling time 15 min, at ambient temp 21 °C. Joining pressure 0,15 N/mm ² . Joining force 824N. For joining hydraulic pressure check the manual provided with used welding equipment!
	Possible installation method:	trenchless installation: maximum admissible short term pulling strength at 20 °C is 44,0 kN = 4487 kg: calculated with allowable stress 10MPa and butt welding factor 0,8 (if used butt welding).

CONFORMITY: EN 61386-24:2010 Conduit systems for cable management - Part 24: Particular requirements - Conduit systems buried underground.

Pipelife Eesti AS, the manufacturer of above mentioned products holds the certificate of conformity no. ET-0391-24 rev.2, issued by Inspecta Estonia OÜ, that certifies that above mentioned products fulfill the requirements of the standard EN 61386-24:2010.

Pipelife Eesti AS holds the certificate of conformity no Q-112-24 issued by Inspecta Estonia OÜ assuring that the quality management system of Pipelife Eesti AS conforms to the requirements of the standard ISO 9001:2015.

Pipelife Eesti AS holds the certificate of conformity no Q-112-24 issued by Inspecta Estonia OÜ assuring that the environmental management system of Pipelife Eesti AS conforms to the requirements of the standard ISO 14001:2015.

MARKING: Marking scheme is repeating after 1 meter.

Marking defines: Application area, standard no, manufacturer, nominal outside diameter x nominal wall thickness, resistance to impact (class), resistance to compression, raw material, batch no, shift no, manufacturing date, "CE" mark.

PACKING:

Pipe length is 6 or 12 meters.

Pipelife Eesti AS
www.pipelife.ee

Põrguvälja tee 4, Lehmja küla, Rae vald, Harjumaa 75306 EESTI
Tel: 6055100, pipelife@pipelife.ee