



ELECTROpipe-HV

PE PIPES FOR
**HIGH VOLTAGE
CABLES
PROTECTION**



CENTRAL TUBI

ELECTROpipe-HV


PE100 BLACK PIPE WITH DOUBLE RED COEXTRUDED STRIPES FOR HIGH VOLTAGE CABLES PROTECTION



FURTHER
INFORMATION
AVAILABLE HERE



MARKING

CENTRALTUBI ELECTROPIPE-HV TPC 750N Ø... HDPE EN61386-24 IEMMEQU **CE** LINEA TURNO DATA 

RECOGNITION

double red stripes (Ø 140 - 160 - 200 - 225 - 250)

STANDARDS

- 61386-1-24: (according to standard from DN25 up to 250mm) with **CE** marking.
- IEC 62067: Testing of the mechanical properties of HDPE conduits for insulation for rated voltages from 150 to 500 kV, before and after heat aging
- ENA TS 12-24: testing of resistance to crushing deformation at 50°C and 75°C

CERTIFICATIONS

- IMQ product quality mark for pipes in accordance with 61386-1-24 (range from Ø 25 to 250 mm)
- IEC 62067:2022 test report (accredited third-party laboratory)
- ENA TS 12 24 test report (accredited third-party laboratory)

MATERIAL

High-density polyethylene (HDPE), with specific additives added to increase thermal and mechanical resistance. Standard pipes with partial composition of recycled PEAD. Custom compositions/qualities are available upon request.

JOINTS



butt welding



electrofusion



couplers with
gaskets (NRG)



compression fittings

NRG COUPLER

with pre-inserted EPDM gaskets IP66 and IP68 protection class certified 



DN

200

225

250

IEC EN 60529 defines the various degrees of protection or sealing effectiveness of enclosures electrical enclosures against the intrusion of objects, water, dust or accidental contact.

The acronym IP (Ingress Protection) is the system of coding that provides information supplementary information on such protection.

The additional information is provided by two characteristic numbers (e.g., IP68), where:

- the first characteristic number indicates the degree of protection offered against solid foreign objects foreign objects, which can range from 0 (minimum value) to 6 (maximum value);

- the second characteristic number indicates the degree of protection offered against water, which can range from 0 (minimum value) to 8 (maximum value

maximum). According to the IEC EN 60529 standard, the degree of protection IP68 takes on the following meaning:

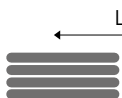
- first characteristic number "6": totally protected against dust;
- second characteristic number "8": protected against the effects of continuous immersion;

These characteristics are particularly useful when it is planned to cast mortar cementitious around the pipes, in order to prevent the penetration of solids and/or fluid parts through the joint system

e_n = nominal thickness [mm]



DN mm	L standard m
≤ 75	100
90-110	50



L standard
6 - 12 m

For bigger DNs,
on demand we
can produce up to
DN1000

ON DEMAND: Packages of length (L) to size (e.g. DN 160 in rolls of 150m), in compliance with technical and transportation legislation.

COILS

∅ mm	SDR 26	SDR 17	SDR 11
	e_n	e_n	e_n
20	-	-	2,0
25	-	2,0	2,3
32	-	2,0	3,0
40	-	2,4	3,7
50	-	3,0	4,6
63	-	3,8	5,8
75	-	4,5	6,8
90	-	5,4	8,2
110	-	6,6	10,0
125	-	-	11,4
140	-	-	12,7
160	-	-	14,6

LENGHTS

20	-	-	2,0
25	-	-	2,3
32	-	-	3,0
40	-	-	3,7
50	-	3,0	4,6
63	-	3,8	5,8
75	-	4,5	6,8
90	-	5,4	8,2
110	-	6,6	10,0
125	-	7,4	11,4
140	-	8,3	12,7
160	6,2	9,5	14,6
180	6,9	10,7	16,4
200	7,7	11,9	18,2
225	8,6	13,4	20,5
250	9,6	14,8	22,7
280	10,7	16,6	25,4
315	12,1	18,7	28,6

COILS

∅ mm	450 N	750 N	> 750 N
	e_n	e_n	e_n
50	3,0	4,6	-
63	3,8	5,8	-
75	4,5	6,8	-
90	5,4	8,2	-
110	-	6,6	10,0
125	-	-	11,4
140	-	-	12,7
160	-	-	14,6

LENGHTS

50	-	4,6	-
63	-	5,8	-
75	-	6,8	-
90	-	8,2	-
110	-	6,6	10,0
125	-	7,4	11,4
140	-	8,3	12,7
160	7,7	9,5	14,6
180	8,6	10,7	16,4
200	9,6	11,9	18,2
225	10,8	13,4	20,5
250	11,9	14,8	22,7

technical documentation and bim
software available on www.tubi.net

 **CENTRALTUBI**

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