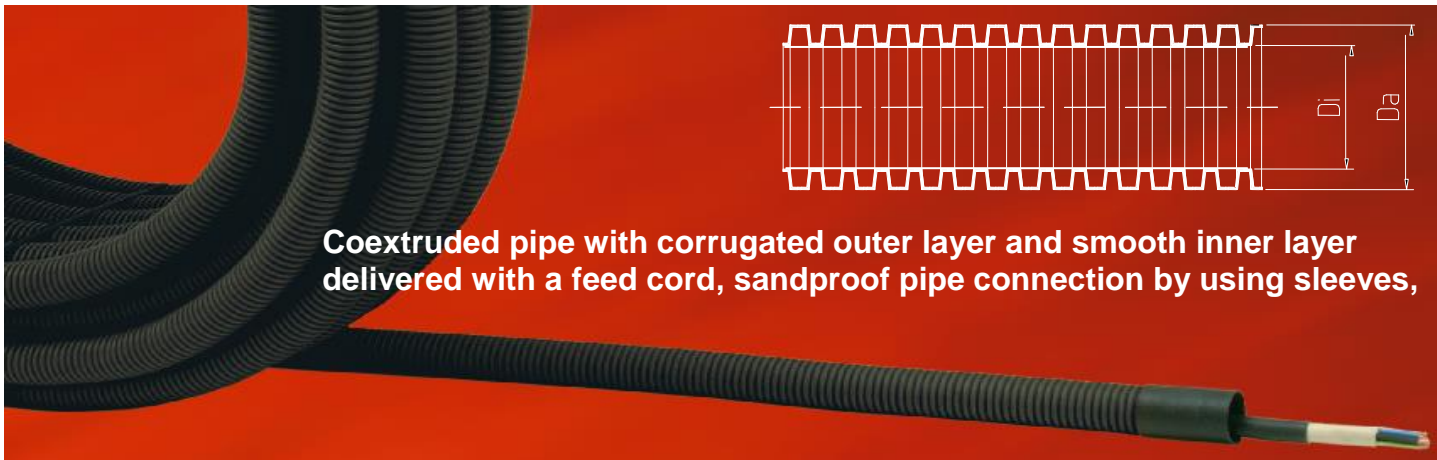


MainCaPro

Flexible twin wall plastic pipe, PE, certificated to DIN EN 61386-24



Application area

Cable protection pipe to be applied in industrial, road, track and airport construction, tunnelling, power station and energy supply.

Material

PE, free of halogen, not flame-retardant.

Chemical resistance

PE is resistant against nearly every medium (alcohol, fat, mineral oil, motor fuel). Only concentrated and strong oxidising acids can affect.

Physical properties

Raw material:

		HD-PE outside	LDPE inside
Elastic modulus [MPa]	DIN ISO 527-1/-2	>1000	>300
Impact strength [kJ/m ²]	DIN ISO 179-1eU	NB	NB
Tensile strength [MPa]	DIN ISO 527-1/-2	>22	>12
Elongation at break [%]	DIN ISO 527-1/-2	>300	>300
Volume resistivity [Ω cm]	DIN IEC 60093	>10 ¹⁶	>10 ¹⁶
Surface resistivity [Ω]	DIN IEC 60093	>10 ¹³	>10 ¹³
Fire behaviour	UL94	HB	HB

Standards / Classification:

Pipes in the mentioned diameters are certificated to DIN EN 61386-24.

Compression test 450L

Art.No.	Diameter NW [mm]	Outer \emptyset Da [mm]	Inner \emptyset Di [mm]	Delivery unit [m]
343063050	63	63	≥ 51	50
343075050	75	75	≥ 58	50
343090050	90	90	≥ 72	50

Tol. in mm		
NW	A	I
63	+1,2/-0	≥ 51
75	+1,4/-0	≥ 58
90	+1,5/-0	≥ 72

Subject to modifications and amendments! / February 2020