

TECHNICAL DATA SHEET



EVOCAB STING

Cable protection pipes for trenchless installations

Conformity:
EN 61386-1
EN 61386-24
DIN8074/8075
GW 321

PRODUCT DESCRIPTION

EVOCAB STING cable protection pipes for trenchless installations are made of a high density polyethylene. Special manufacturing processes ensure high compression and impact strength properties. The pipe has a smooth inner and outer surface.

Material: HDPE (high density polyethylene), impact resistance code N, compression strength 1250N, temperature range - 25°C to +90°C.

Cable protection pipe is produced according to: DIN 8074/8075; EN 61386-24
Installation according to: GW 321.



APPLICATION AREA

The STING pipes are made of a rigid material and designed so that they can withstand loads caused by soil and vehicles. Cable protection pipes can be used to protect and insulate underground cables installed by the method of directional drilling.

They are especially suitable for use in systems requiring a high compression strength, e.g. under roads, squares, etc.

Compression strength:

1250N

Impact resistance:

N (normal)

MRS class: **10**

PRODUCT DIMENSIONS

Nominal DN/OD [mm]	50	63	75	90	110	125	160	180	200	225	250	315	400	500	560	630
Internal ID [mm]	42.6	53.6	63.8	79.2	96.8	110.8	141.8	159.6	177.2	199.4	224.4	279.2	354.6	443.2	496.6	558.6
Wall thickness [mm]	3.7	4.7	5.6	5.4	6.6	7.1	9.1	10.2	11.4	12.8	14.2	17.9	22.7	28.4	31.7	35.7
SDR value	13.6	13.6	13.6	17	17	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
Pulling force* [kN] at 20°C	5.4	8.6	10.4	14.4	21.4	27.3	44.9	55	70.3	90	109.4	174.1	269	421	528	668

*Max admissible pulling force

Open product

PRODUCT PARAMETERS

Value	Value	Test method
Material	PE100	
Temperature resistance, min/max °C	-25 .. +90 °C	
Combustion (reaction to fire)	Combustible	EN 61386-1
Impact strength code	N	EN 61386-24
Compression strength, N	1250	EN 61386-1