

Protex PP HV cable protection pipe. Solans High Voltage cable protection



Protex PP HV cable protection pipes for buried high and extra high voltage cables ensure, due to the low thermal conductivity of PP, that heat transfer to the ground is minimized and protect the cables from external influences.

Product information

- Material:** PP HM virgin material with increased modulus of elasticity, without fillers, 100% recyclable
- Standard:** Standard: DIN 16878 is clearly exceeded, DIN 8077/ 8078
- Colour:** Outside red, inside white
- Labelling:** Standard Solans
- Delivery unit:** 6 m length/ 12 m on request
- Pipe design:** Smooth outer wall, low friction SR inner layer for optimized cable entry
- Pipe end:** Chamfered/smooth
- Type:** Depending on the requirements and dimensions, the cable protection conduit is available in a smooth version for heating element butt welding as well as electrofusion welding (electro socket) or plugged-on double socket.
- Socket system:** Factory-fitted SR HV double socket with SR HV special long lip seal for easy insertion and a secure connection.
- Customized:** Color and stripes complete or coex, labeling as well as delivery form can be adapted on request according to customer requirements.

Technical data

Sealing system: Push-in connection, heating element spiral connection or butt-welded connection

Pressure tightness: (23 +-5)°C, 0.5 bar

Installation: According to DIN EN 1610, KRV installation instructions A 535a

Pipe statics: On request static calculation according to ATV worksheet 127

Temperature: Continuous temperature load 70°C, short-term 90°C

Art.-Nr.	Outer diameter (mm)	Wall thickness (mm)	SDR	Weight (kg/m)	Pallet pcs/m
098150	160	5,6	28	2,47	33/198
098151	160	6,2	26	2,92	33/198
098152	160	9,1	17,6	4,17	33/198
098153	160	14,6	11	6,41	33/198
098160	200	7,1	28	3,91	18/108
098161	200	7,7	26	4,5	18/108
098162	200	11,4	17,6	6,5	18/108
098163	200	18,2	11	10,0	18/108
098170	250	8,9	28	6,13	15/90
098171	250	9,6	26	7,0	15/90
098172	250	14,2	17,6	10,1	15/90
098173	250	22,7	11	15,6	15/90

S: Standard programme, A: On request