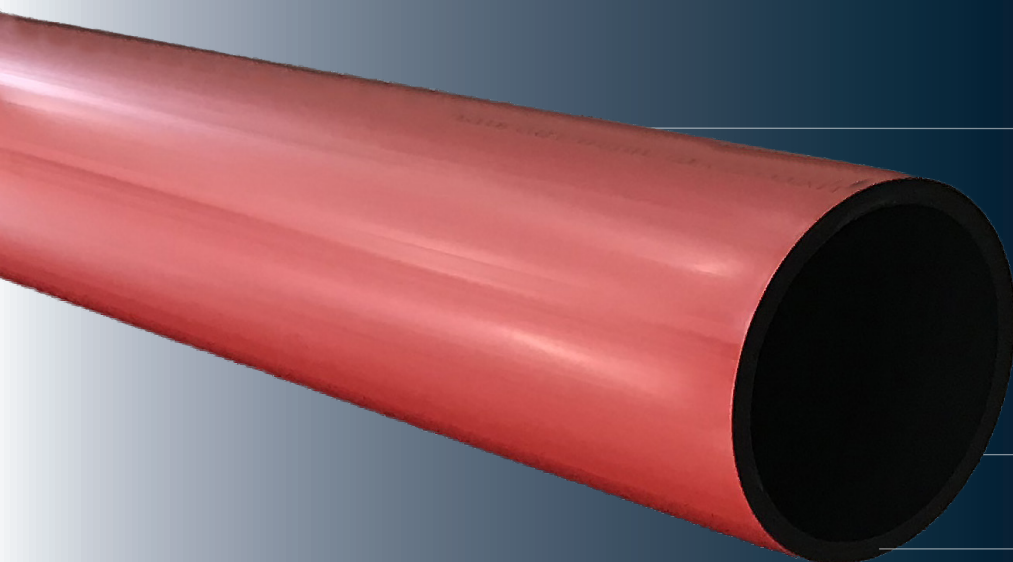


Smooth PE SDR
cable protection pipe
Technical Datasheet

uponor



Smooth PE SDR cable protection pipe



Many years of proven performance in relation to controlled underboring

For larger projects, it can be produced with a smaller SDR value and thereby a stronger pipe

Welded joints ensure tensile strength

Expected lifetime at least 100 years

Smooth PE SDR cable protection pipe

Uponor's red cable protection pipe is used as cable ducting and has a smooth inner and outer surface. The pipes are produced with a red outer layer with black inside.

Uponor's non-pressure cable ducts can be delivered in straight lengths and coils.

Application	Cable Protection System
Material	Polyethylene, HDPE
Colour	Red with black interior
Dimensions	32-355 mm
Lengths	12M and for projects in special lengths
SDR	17 and 11
Standards	According to EN 12201

Features of Smooth PE SDR cable protection pipe

System properties	Value	Unit
Min. bending radius (fixed installation)	50 x OD dimension	mm
Min. temperature in the installation environment	-20	°C
Min. temperature in the installation environment for coils	-15	°C
Temperature in the installation environment during welding	-15	°C
Coefficient of thermal expansion	0,17	mm/m°C

Wall thickness & Permissible traction force

Non-pressure cable protection pipe (temp max 20°C)

Dimension mm	PE SDR 17			PE SDR 11		
	Wall thickness mm	Weight kg/m	kN	Wall thickness mm	Weight kg/m	kN
110	6.6	2,4	21	10.0	3,4	31
125	7.4	3,0	27	11.4	4,3	41
140	8.3	3,7	34	12.7	5,4	51
160	9.5	4,8	45	14.6	7,0	67
200	11.9	7,4	70	18.2	10,8	104
225	13.4	9,2	89	20.5	13,6	132
250	14.8	11,4	109	22.7	16,8	162
280	16.6	14,3	137	25.4	21,0	203
315	18.7	17,9	174	28.6	26,4	257
355	21.1	22,7	221	32.2	33,5	327

Moving > Forward

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