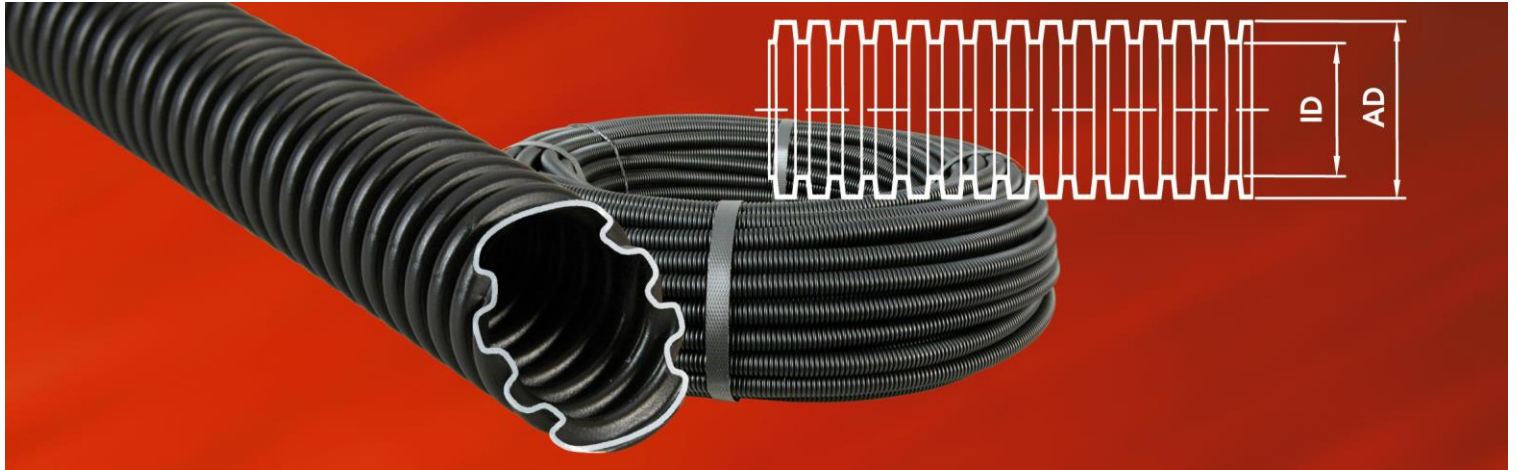


Protection Pipe for heating and sanitary - SINTEF

Bendable plastic insulating tube, free of halogens



Application area:

Protection pipe which is used for a specially applications in plumbing and heating tubes.

Material:

Black, heat resistant Polyethylene (PE), free of halogens and other harmful ingredients. 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 PE.

Physical properties

Raw material:

Elastic modules [MPa]	DIN EN 53455	>900
Impact strength [kJ/m ²]	DIN 53453	NB
Tensile strength [MPa]	DIN EN 53455	>20
Elongation at break [%]	DIN EN 53455	>300
Volume resistivity [Ω cm]	DIN 53482	<10 ¹⁶
Surface resistivity [Ω]	DIN 53482	<10 ¹³

Tube:

Working temperature (permanent)	[°C]	-15 up to +80
Working temperature (short term)	[°C]	+120

Classification / standards:

SINTEF	test method no. 01 -> dim. 20/25
SINTEF	test method no. 02 -> dim. 23/28 + 29/34

Art.No. *	Diameter NW [mm]	Outer \varnothing [mm]	Inner \varnothing [mm]	Coil [m]	Packing unit [m]
1x1020350	20/25	24,7 (+/- 0,4)	20,7 (+/-0,4)	50	2.500
1x1023350	23/28	28,4 (+/- 0,4)	23,2 (+/-0,4)	50	2.000
1x1029350	29/34	34,5 (+/- 0,5)	28,9 (+/-0,5)	50	1.400

* x = will be adapted, depending on the requirements the customer has on the protection pipe.

Subject to modifications and amendments! / April 2020