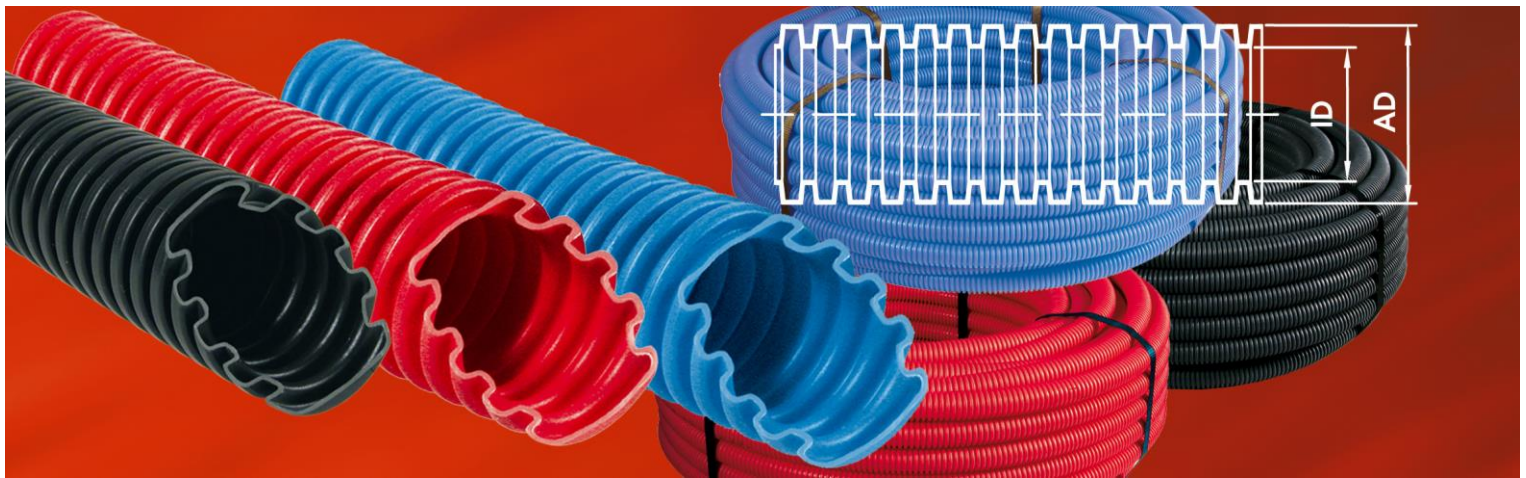


Protection Pipe for heating and sanitary

Bendable plastic insulating tube, free of halogens



Application area:

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

Material:

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	>1000
Impact strength [kJ/m ²]	DIN 53453	NB
Tensile strength [MPa]	DIN EN 53455	>22
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 +70
Working temperature (short term)	[°C]	+120

Classification / standards:

KIWA	K5123 – BRL K536 D
KOMO	K11408 – BRL 5606
Impact strength	250g, 1m at 0°C
Compressive strength	200 N

Art.No. *	Diameter NW [mm]	Outer \varnothing [mm]	Inner \varnothing [mm]	Delivery unit [m]	Packing unit [m]
516x50	16	21,2 (-0,6)	16,8 (+/-0,4)	50	2.800
201019x50	19	24,2 (-0,7)	19,0 (+0,6/-0,1)	50	2.500
520x50	20	25,1 (-0,8)	20,7 (+/-0,4)	50	2.500
523x50	23	28,5 (-0,8)	23,0 (+0,7/-0,1)	50	2.000
529x50	29	35,0 (-1,0)	28,5 (+0,9/-0,1)	50	1.400
540x50**	40	40,5 (-0,8)	32,6 (+/-0,4)	50	350
536x25	36	43,0 (-1,1)	36,6 (+/-0,7)	25	600
201048x25**	48	53,2 (-1,2)	47,0 (+1,0/-0,5)	25	600

*x = 1 = red / x = 2 = blue / x = 3 = black

** without any approval

Other delivery units and colours on request.
Subject to modifications and amendments! / April 2020