

Technical Data Sheet Protective Pipes

Flexible, halogen-free plastic protective pipe



Applications:

Protective pipe for heating and sanitary pipes

Material:

Polyethylen (PE), flame retardant, halogen-free

Chemical resistance:

PE is resistant against most chemicals (alcohol, grease, mineral oils, fuels, etc.)
For special applications please contact us.

Physical properties of the pipe material

E-Modul [MPa]	DIN EN 53455	> 1'000
Impact resistance [kJ/m ²]	DIN 53453	NB
Tensile strength [MPa]	DIN EN 53455	> 22
Stretch properties [%]	EIN EN 53455	> 300
Spec. contact resistance [Ω cm]	DIN 53482	< 10 ¹⁶
Sureface resistance [Ω]	DIN 53482	< 10 ¹³

Properties:

Opertating temperature	[°C]	-15 bis +90
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Approvals/standards:

KIWA	BRLK 536/04 Part D
Impact resistance	250g from 1m bei 0°C
Pressure test	20 bar

Dimension [mm]	Outer Ø [mm]	Inner Ø [mm]	Weight [g/m]
16	21.2 (-0.6)	16.8 (+/-0.4)	42 (+3)
19	24.2 (-0.7)	19.0 (+0.6/-0.1)	53 (+3)
20	25.1 (-0.8)	20.7 (+/-0.4)	66 (+3)
23	28.5 (-0.8)	23.0 (+0.7/-0.1)	68 (+3)
29	35.0 (-1.0)	28.5 (+0.9/-0.1)	100 (+3)
36	43.0 (-1.1)	36.6 (+/-0.7)	163 (+3)

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