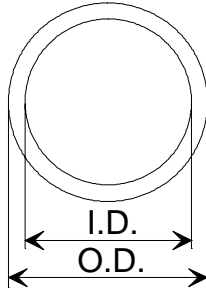


Properties of PE twin walled cable ducting

Type FXKV, type normal, colour black, acc.to EN 50086-2-4

Nominal Sizes, Types and Dimensions (All dimensions in mm)



Type	FXKV Type normal, 450 N		
Nominal Size	O.D.	+/-	I.D. (min)
50	50,0	+0.4/-0.2	39,0
63	63.0	+0.5/-0.2	50.0
75	75.0	+0.6/-0.2	60.0
90	90.0	+0.7/-0.2	74.0
110	110.0	+0.8/-0.2	93.0
125	125.0	+0.9/-0.2	106.0
160	160.0	+1.0/-0.2	136.0

Material: PE black
halogenfree acc. to IEC 60754-1

Typical Properties

Property	Unit	FXKV
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Physical Properties

Specific density	g/cm ³	0.9
Modulus of elasticity	N/mm ²	600
Elongation at break	%	>500
Water absorption	%	0.01

Electrical Properties

Dielectric strength	kV/mm	25
Dielectric constant (E 800Hz)	-	2.3

Fire behaviour

acc. to prEN 50086	-	Flamepropagating
Oxygen Index	%	31

Thermal Properties

Temperature resistance	°C	+100
Cold impact resistance	°C	-40
Coefficient of thermal expansion	m/m/°C	0.8 x 10 ⁻⁴

Mechanical Properties

Cold impact at -40°C	J	>12
Compression strength	N	>450