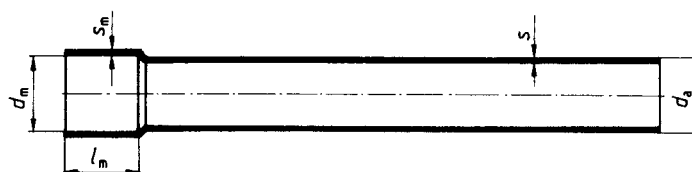


Nominal Sizes, Types and Dimensions

(All dimensions in mm)



Type	HFKR Type normal, 450 N				
Nominal Size	O.D. of conduit d_a	Material-thickness s_{min}	I.D. of Socket $d_{m, min}$	Length of Socket l_m	Material-thickness of Socket s_{min}
90	90,0 +0,5/0	2,7	90,7 +0,4/0	90	2,4
110	110,0 +0,6/0	3,2	110,8 +0,5/0	110	2,9

Material: HFT-Blend, black, halogenfree acc. to IEC 60754-1

Typical Properties

Property	Unit	HFKR
----------	------	------

Physical Properties

Specific density	g/cm ³	1.06
Modulus of elasticity	N/mm ²	2400
Elongation at break	%	50
Water absorption	%	0.07

Electrical Properties

Dielectric strength	kV/mm	25
Dielectric constant (E 800Hz)	-	2.8

Fire behaviour

acc. to EN 50086	-	Non flamepropagating
Oxygen Index	%	36

Thermal Properties

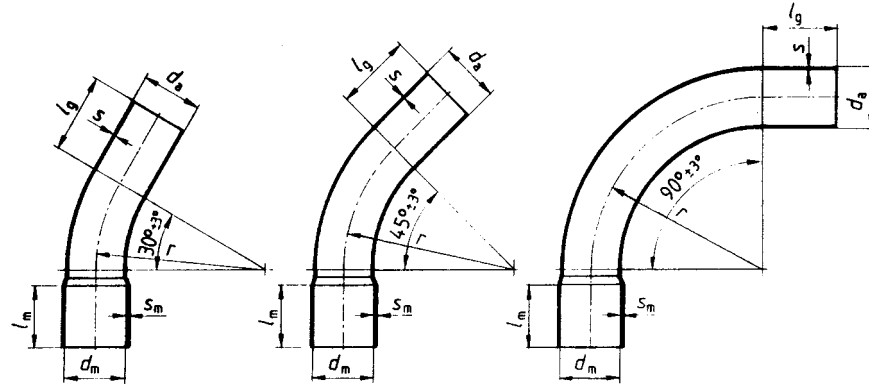
Temperature resistance	°C	+140
Cold impact resistance	°C	-45
Coefficient of thermal expansion	m/m/°C	0.7 x 10 ⁻⁴

Mechanical Properties

Cold impact at -45°C	J	>12
Compression strength	N	>450

Nominal Sizes, Types and Dimensions

(All dimensions in mm)



Type	HFKB Type normal, 450 N						
Nominal Size	O.D. of conduit d_a	Material-thickness s_{min}	I.D. of Socket $d_{m, min}$	Length of Socket l_m	Material-thickness of Socket s_{min}	Straight end $l_{g, min}$	Radius r
90	90,0 +0,5/0	2,7	90,7 +0,4/0	90	2,4	95	495 ± 20,2
110	110,0 +0,6/0	3,2	110,8 +0,5/0	110	2,9	115	605 ± 30,5

Material: HFT-Blend, black, halogenfree acc. to IEC 60754-1

Typical Properties

Property	Unit	HFKB
----------	------	------

Physical Properties

Specific density	g/cm ³	1.06
Modulus of elasticity	N/mm ²	2400
Elongation at break	%	50
Water absorption	%	0.07

Electrical Properties

Dielectric strength	kV/mm	25
Dielectric constant (E 800Hz)	-	2.8

Fire behaviour

acc. to EN 50086	-	Non flamepropagating
Oxygen Index	%	36

Thermal Properties

Temperature resistance	°C	+140
Cold impact resistance	°C	-45
Coefficient of thermal expansion	m/m/°C	0.7 x 10 ⁻⁴

Mechanical Properties

Cold impact at -45°C	J	>12
Compression strength	N	>450