



K-FLEX® PE PLUS COLOR

DESCRIPTION

K-FLEX® PE PLUS COLOR is a coextruded polyethylene closed cell insulation tube with an improved fire classification rating, available in different diameters and thickness, specifically designed for all that applications where an additional mechanical protection is required. This product fulfils all the highest building standards in term of fire reaction.

APPLICATIONS

K-FLEX® PE PLUS COLOR is ideal for heat insulation of pipelines of heating systems, cold and hot water supply, ventilation and air conditioning, equipment and underfloor applications.



TECHNICAL DATA

K-FLEX® PE PLUS COLOR ▶ TECHNICAL DATA		
Property ▼	Value ▼	Test method ▼
Temperature range	untill +100 °C	EN 14707
Thermal conductivity λ W/(m•K)	+10 °C = 0,036 +40 °C = 0,040	EN ISO 8497
Corrosion prevention	ph Neutral (7±0,5)	
Fire rating	Euroclass B _L -s1, d0	EN 13501-1
Ecological data	Without CFCs and HCFCs	
Density	30 (±7) kg/m ³	

K-FLEX® reserves the right to change data and technical requirements without notice.



K-FLEX® PE PLUS COLOR ▸ TUBES
Thickness 6 mm

COPPER PIPE			IRON PIPE			Length 2 metres			
External ∅ mm	Nom. ∅ DN	Inches	External ∅ mm	Nom. ∅ DN	Thick. (mm)	Diam. (mm)	Code	m/Ct.	Price €/m
					6	12	060122118PEPCR	-	0,48
14/15	10/-	1/4"	13,5	8	6	15	060152118PEPCR	200	0,53
18	15	3/8"	17,2	10	6	18	060182118PEPCR	180	0,59
					6	20	060202118PEPCR	-	0,62
22	20	1/2"	21,3	15	6	22	060222118PEPCR	152	0,66
					6	25	060252118PEPCR	-	0,73
28	25	3/4"	26,9	20	6	28	060282118PEPCR	120	0,77
35	32	1"	33,7	25	6	35	060352118PEPCR	80	0,93
42	40	1+1/4"	42,4	32	6	42	060422118PEPCR	70	On request

Thickness 9 mm

COPPER PIPE			IRON PIPE			Length 2 metres			
External ∅ mm	Nom. ∅ DN	Inches	External ∅ mm	Nom. ∅ DN	Thick. (mm)	Diam. (mm)	Code	m/Ct.	Price €/m
14/15	10/-	1/4"	13,5	8	9	15	090152118PEPCR	140	0,82
18	15	3/8"	17,2	10	9	18	090182118PEPCR	120	0,93
22	20	1/2"	21,3	15	9	22	090222118PEPCR	100	1,04
28	25	3/4"	26,9	20	9	28	090282118PEPCR	88	1,20
35	32	1"	33,7	25	9	35	090352118PEPCR	60	1,47
42	40	1+1/4"	42,4	32	9	42	090422118PEPCR	48	1,72

Thickness 13 mm

COPPER PIPE			IRON PIPE			Length 2 metres			
External ∅ mm	Nom. ∅ DN	Inches	External ∅ mm	Nom. ∅ DN	Thick. (mm)	Diam. (mm)	Code	m/Ct.	Price €/m
14/15	10/-	1/4"	13,5	8	13	15	130152118PEPCR	120	1,44
18	15	3/8"	17,2	10	13	18	130182118PEPCR	96	1,60
22	20	1/2"	21,3	15	13	22	130222118PEPCR	80	1,81
28	25	3/4"	26,9	20	13	28	130282118PEPCR	64	2,12
35	32	1"	33,7	25	13	35	130352118PEPCR	48	2,48
42	40	1+1/4"	42,4	32	13	42	130422118PEPCR	40	2,89

Thickness 20 mm

COPPER PIPE			IRON PIPE			Length 2 metres			
External ∅ mm	Nom. ∅ DN	Inches	External ∅ mm	Nom. ∅ DN	Thick. (mm)	Diam. (mm)	Code	m/Ct.	Price €/m
14/15	10/-	1/4"	13,5	8	20	15	200152118PEPCR	60	2,65
18	15	3/8"	17,2	10	20	18	200182118PEPCR	54	2,93
22	20	1/2"	21,3	15	20	22	200222118PEPCR	52	3,29
28	25	3/4"	26,9	20	20	28	200282118PEPCR	40	3,85
35	32	1"	33,7	25	20	35	200352118PEPCR	38	4,55
42	40	1+1/4"	42,4	32	20	42	200422118PEPCR	30	5,26

Thickness 25 mm

COPPER PIPE			IRON PIPE			Length 2 metres			
External ∅ mm	Nom. ∅ DN	Inches	External ∅ mm	Nom. ∅ DN	Thick. (mm)	Diam. (mm)	Code	m/Ct.	Price €/m
14/15	10/-	1/4"	13,5	8	25	15	250152118PEPCR	40	On request
18	15	3/8"	17,2	10	25	18	250182118PEPCR	38	On request
22	20	1/2"	21,3	15	25	22	250222118PEPCR	36	On request
28	25	3/4"	26,9	20	25	28	250282118PEPCR	30	On request
35	32	1"	33,7	25	25	35	250352118PEPCR	26	On request
42	40	1+1/4"	42,4	32	25	42	250422118PEPCR	24	On request

Tolerance for K-FLEX® PE Tubes: Length: - 1,5% - Internal Ø: ≤ 350 mm: from +10 mm to +40 mm, >350 mm/≤1000 mm: from +20 mm to +60 mm, >100: from +30 mm to +80 mm

Thickness: 6 Ø mm: ±1 Ø mm, 9 and 13 Ø mm ±1,5 Ø mm, 19 and 25 Ø mm ±2,5 Ø mm, 32, 40 and 50 ±3 Ø mm

For the blue version change the last letter to B (example: 090182118PEPCR ⇒ 090182118PEPCB)

All the codes reported in the chart refer to products in Small Cartons packaging, for the Big Carton's codes and information please contact our customer service.