



K-FLEX® PE COLOR

DESCRIPTION

K-FLEX® PE COLOR is a coextruded polyethylene closed cell insulation tube, available in different diameters and thickness, specifically designed for all that applications where an additional mechanical protection is required.

APPLICATIONS

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



**Underfloor
Application**

**Available in
coils**

TECHNICAL DATA

K-FLEX® PE 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 D _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 COLOR TUBES
Thickness 6 mm

COPPER PIPE			IRON PIPE			Length 2 metres			
External Ø mm	Nom. Ø DN	Inches	External Ø mm	Nom. Ø DN	Thick. (mm)	Diam. (mm)	Code	m/Ct.	Price €/m
					6	12	060122118PEOCR	-	0,41
14/15	10/-	1/4"	13,5	8	6	15	060152118PEOCR	200	0,45
18	15	3/8"	17,2	10	6	18	060182118PEOCR	180	0,50
					6	20	060202118PEOCR	-	0,52
22	20	1/2"	21,3	15	6	22	060222118PEOCR	152	0,56
					6	25	060252118PEOCR	-	0,62
28	25	3/4"	26,9	20	6	28	060282118PEOCR	118	0,65
35	32	1"	33,7	25	6	35	060352118PEOCR	80	0,79
42	40	1+1/4"	42,4	32	6	42	060422118PEOCR	70	On request

Thickness 9 mm

COPPER PIPE			IRON PIPE			Length 2 metres			
External Ø mm	Nom. Ø DN	Inches	External Ø mm	Nom. Ø DN	Thick. (mm)	Diam. (mm)	Code	m/Ct.	Price €/m
14/15	10/-	1/4"	13,5	8	9	15	090152118PEOCR	140	0,69
18	15	3/8"	17,2	10	9	18	090182118PEOCR	120	0,78
22	20	1/2"	21,3	15	9	22	090222118PEOCR	100	0,88
28	25	3/4"	26,9	20	9	28	090282118PEOCR	88	1,02
35	32	1"	33,7	25	9	35	090352118PEOCR	60	1,25
42	40	1+1/4"	42,4	32	9	42	090422118PEOCR	48	1,46

Thickness 13 mm

COPPER PIPE			IRON PIPE			Length 2 metres			
External Ø mm	Nom. Ø DN	Inches	External Ø mm	Nom. Ø DN	Thick. (mm)	Diam. (mm)	Code	m/Ct.	Price €/m
14/15	10/-	1/4"	13,5	8	13	15	130152118PEOCR	120	1,22
18	15	3/8"	17,2	10	13	18	130182118PEOCR	96	1,36
22	20	1/2"	21,3	15	13	22	130222118PEOCR	80	1,54
28	25	3/4"	26,9	20	13	28	130282118PEOCR	64	1,80
35	32	1"	33,7	25	13	35	130352118PEOCR	48	2,10
42	40	1+1/4"	42,4	32	13	42	130422118PEOCR	40	2,45

Thickness 20 mm

COPPER PIPE			IRON PIPE			Length 2 metres			
External Ø mm	Nom. Ø DN	Inches	External Ø mm	Nom. Ø DN	Thick. (mm)	Diam. (mm)	Code	m/Ct.	Price €/m
14/15	10/-	1/4"	13,5	8	20	15	200152118PEOCR	60	2,24
18	15	3/8"	17,2	10	20	18	200182118PEOCR	54	2,48
22	20	1/2"	21,3	15	20	22	200222118PEOCR	52	2,79
28	25	3/4"	26,9	20	20	28	200282118PEOCR	40	3,26
35	32	1"	33,7	25	20	35	200352118PEOCR	38	3,85
42	40	1+1/4"	42,4	32	20	42	200422118PEOCR	30	4,46

Thickness 25 mm

COPPER PIPE			IRON PIPE			Length 2 metres			
External Ø mm	Nom. Ø DN	Inches	External Ø mm	Nom. Ø DN	Thick. (mm)	Diam. (mm)	Code	m/Ct.	Price €/m
14/15	10/-	1/4"	13,5	8	25	15	250152118PEOCR	40	On request
18	15	3/8"	17,2	10	25	18	250182118PEOCR	38	On request
22	20	1/2"	21,3	15	25	22	250222118PEOCR	36	On request
28	25	3/4"	26,9	20	25	28	250282118PEOCR	30	On request
35	32	1"	33,7	25	25	35	250352118PEOCR	26	On request
42	40	1+1/4"	42,4	32	25	42	250422118PEOCR	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, >1000 mm: 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: 090182118PEOCR => 090182118PEOCB)

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.