



FEBRUARY 2021

K-FLEX® PE

CLOSED CELL POLYETHYLENE TUBES





K-FLEX®

PE

DESCRIPTION

K-FLEX® PE is an extruded polyethylene closed cell insulation tube, available in different diameters and thickness.

APPLICATIONS

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

TECHNICAL DATA

K-FLEX® PE ► TECHNICAL DATA		
▼ Property ▼	▼ Value ▼	▼ Test method ▼
Temperature range	+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)	
Fire rating	Euroclass D ₁ -s1, d0	EN 13501-1
Ecological data	Without CFCs and HCFCs	

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



K-FLEX® PE TUBES

INSULATION TUBES: LENGTH 2 METRES

COPPER TUBE			IRON TUBE		THICKNESS 6 MM			THICKNESS 9 MM		
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	▼ Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	▼ Code ▼	▼ m/Ct. ▼	Dimension ▼ (mm) ▼	▼ Code ▼	▼ m/Ct. ▼
15	10	1/4"	13,5	8	6 × 15	060152155PEONO	440	9 × 15	090152155PEONO	356
18	15	3/8"	17,2	10	6 × 18	060182155PEONO	400	9 × 18	090182155PEONO	284
22	20	1/2"	21,3	15	6 × 22	060222155PEONO	320	9 × 22	090222155PEONO	240
					6 × 25	060252155PEONO	244	9 × 25	090252155PEONO	200
28	25	3/4"	26,9	20	6 × 28	060282155PEONO	240	9 × 28	090282155PEONO	168
35	32	1"	33,7	25	6 × 35	060352155PEONO	160	9 × 35	090352155PEONO	136
42	40	1+1/4"	42,4	32	6 × 42	060422155PEONO	140	9 × 42	090422155PEONO	110
								9 × 45	090452155PEONO	94
								9 × 48	090482155PEONO	74
								9 × 54	090542155PEONO	70
								9 × 60	090602155PEONO	66
								9 × 64	090642155PEONO	60
								9 × 76	090762155PEONO	48
								9 × 89	090892155PEONO	40
								9 × 108	091082155PEONO	26
								9 × 114	091142155PEONO	26
COPPER TUBE			IRON TUBE		THICKNESS 13 MM			THICKNESS 20 MM		
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	▼ Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	▼ Code ▼	▼ m/Ct. ▼	Dimension ▼ (mm) ▼	▼ Code ▼	▼ m/Ct. ▼
15	10	1/4"	13,5	8	13 × 15	130152155PEONO	240	20 × 15	200152155PEONO	130
18	15	3/8"	17,2	10	13 × 18	130182155PEONO	200	20 × 18	200182155PEONO	130
22	20	1/2"	21,3	15	13 × 22	130222155PEONO	168	20 × 22	200222155PEONO	108
					13 × 25	130252155PEONO	140	20 × 25	200252155PEONO	100
28	25	3/4"	26,9	20	13 × 28	130282155PEONO	132	20 × 28	200282155PEONO	88
35	32	1"	33,7	25	13 × 35	130352155PEONO	108	20 × 35	200352155PEONO	70
42	40	1+1/4"	42,4	32	13 × 42	130422155PEONO	80	20 × 42	200422155PEONO	60
					13 × 45	130452155PEONO	72	20 × 45	200452155PEONO	50
		1+1/2"	48,3	40	13 × 48	130482155PEONO	70	20 × 48	200482155PEONO	48
54	50		54		13 × 54	130542155PEONO	66	20 × 54	200542155PEONO	48
		2"	60,3	50	13 × 60	130602155PEONO	48	20 × 60	200602155PEONO	40
64			63,5		13 × 64	130642155PEONO	48	20 × 64	200642155PEONO	38
76,1	65	2+1/2"	76,1	65	13 × 76	130762155PEONO	40	20 × 76	200762155PEONO	26
88,9	80	3"	88,9	80	13 × 89	130892155PEONO	30	20 × 89	200892155PEONO	24
108	100		108		13 × 108	131082155PEONO	22	20 × 108	201082155PEONO	14
114	100	4"	114,3	100	13 × 114	131142155PEONO	22	20 × 114	201142155PEONO	14
COPPER TUBE			IRON TUBE		THICKNESS 25 MM			THICKNESS 30 MM		
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	▼ Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	▼ Code ▼	▼ m/Ct. ▼	Dimension ▼ (mm) ▼	▼ Code ▼	▼ m/Ct. ▼
15	10	1/4"	13,5	8	25 × 15	250152155PEONO	74			
18	15	3/8"	17,2	10	25 × 18	250182155PEONO	74			
22	20	1/2"	21,3	15	25 × 22	250222155PEONO	72	30 × 22	300222155PEONO	60
28	25	3/4"	26,9	20	25 × 28	250282155PEONO	66	30 × 28	300282155PEONO	54
35	32	1"	33,7	25	25 × 35	250352155PEONO	54	30 × 35	300352155PEONO	48
42	40	1+1/4"	42,4	32	25 × 42	250422155PEONO	46	30 × 42	300422155PEONO	40
		1+1/2"	48,3	40	25 × 48	250482155PEONO	42	30 × 48	300482155PEONO	32
54	50		54		25 × 54	250542155PEONO	38	30 × 54	300542155PEONO	28
		2"	60,3	50	25 × 60	250602155PEONO	34	30 × 60	300602155PEONO	24
64			63,5		25 × 64	250642155PEONO	32	30 × 64	300642155PEONO	24
76,1	65	2+1/2"	76,1	65	25 × 76	250762155PEONO	26	30 × 76	300762155PEONO	22
88,9	80	3"	88,9	80	25 × 89	250892155PEONO	20	30 × 89	300892155PEONO	18
108	100		108		25 × 108	251082155PEONO	14	30 × 108	301082155PEONO	14
114	100	4"	114,3	100	25 × 114	251142155PEONO	12	30 × 114	301142155PEONO	12

Tolerance for K-FLEX® PE Tubes: Length: - 1,5%
 Internal Ø: ≤ 35mm: from +1mm to +4mm, >35mm/≤100mm: from +2mm to +6mm, >100: from +3mm to +8mm
 Thickness: 6 mm: ±1 mm, 9 and 13 mm ±1,5 mm, 19 and 25 mm ±2,5 mm, 32, 40 and 50 ±3 mm
 All the codes reported in the chart refer to products in Big Cartons packaging, for the Small Carton's codes and information please contact our customer service.

Self-adhesive
version available.
Contact us
for more
information.

1m length
available.
Contact us
for more
information.



K-FLEX®

PE PLUS

DESCRIPTION

K-FLEX® PE PLUS is an extruded polyethylene closed cell insulation tube with an improved fire classification rating. This product fulfils all the highest building standards in term of fire reaction.

APPLICATIONS

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

TECHNICAL DATA

K-FLEX® PE PLUS ▶ TECHNICAL DATA		
Property ▼	Value ▼	Test method ▼
Temperature range	+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)	
Fire rating	Euroclass B _L -s1, d0	EN 13501-1
Ecological data	Without CFCs and HCFCs	

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



K-FLEX® PE PLUS TUBES
INSULATION TUBES: LENGTH 2 METRES

COPPER TUBE			IRON TUBE		THICKNESS 9 MM			THICKNESS 13 MM		
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	▼ Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	▼ Code ▼	▼ m/Ct. ▼	Dimension ▼ (mm) ▼	▼ Code ▼	▼ m/Ct. ▼
15	10	1/4"	13,5	8	9 × 15	090152155PEPNO	356	13 × 15	130152155PEPNO	240
18	15	3/8"	17,2	10	9 × 18	090182155PEPNO	284	13 × 18	130182155PEPNO	200
22	20	1/2"	21,3	15	9 × 22	090222155PEPNO	240	13 × 22	130222155PEPNO	168
					9 × 25	090252155PEPNO	200	13 × 25	130252155PEPNO	140
28	25	3/4"	26,9	20	9 × 28	090282155PEPNO	168	13 × 28	130282155PEPNO	132
35	32	1"	33,7	25	9 × 35	090352155PEPNO	136	13 × 35	130352155PEPNO	108
42	40	1+1/4"	42,4	32	9 × 42	090422155PEPNO	110	13 × 42	130422155PEPNO	80
					9 × 45	090452155PEPNO	94	13 × 45	130452155PEPNO	72
		1+1/2"	48,3	40	9 × 48	090482155PEPNO	74	13 × 48	130482155PEPNO	70
54	50		54		9 × 54	090542155PEPNO	70	13 × 54	130542155PEPNO	66
		2"	60,3	50	9 × 60	090602155PEPNO	66	13 × 60	130602155PEPNO	48
64			63,5		9 × 64	090642155PEPNO	60	13 × 64	130642155PEPNO	48
70			70		9 × 70	090702155PEPNO	50	13 × 70	130702155PEPNO	40
76,1	65	2+1/2"	76,1	65	9 × 76	090762155PEPNO	48	13 × 76	130762155PEPNO	40
88,9	80	3"	88,9	80	9 × 89	090892155PEPNO	40	13 × 89	130892155PEPNO	30
108	100		108		9 × 108	091082155PEPNO	26	13 × 108	131082155PEPNO	22
114	100	4"	114,3	100	9 × 114	091142155PEPNO	26	13 × 114	131142155PEPNO	22
COPPER TUBE			IRON TUBE		THICKNESS 20 MM			THICKNESS 25 MM		
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	▼ Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	▼ Code ▼	▼ m/Ct. ▼	Dimension ▼ (mm) ▼	▼ Code ▼	▼ m/Ct. ▼
15	10	1/4"	13,5	8	20 × 15	200152155PEPNO	130	25 × 15	250152155PEPNO	74
18	15	3/8"	17,2	10	20 × 18	200182155PEPNO	130	25 × 18	250182155PEPNO	74
22	20	1/2"	21,3	15	20 × 22	200222155PEPNO	108	25 × 22	250222155PEPNO	72
					20 × 25	200252155PEPNO	100			
28	25	3/4"	26,9	20	20 × 28	200282155PEPNO	88	25 × 28	250282155PEPNO	66
35	32	1"	33,7	25	20 × 35	200352155PEPNO	70	25 × 35	250352155PEPNO	54
42	40	1+1/4"	42,4	32	20 × 42	200422155PEPNO	60	25 × 42	250422155PEPNO	46
					20 × 45	200452155PEPNO	50			
		1+1/2"	48,3	40	20 × 48	200482155PEPNO	48	25 × 48	250482155PEPNO	42
54	50		54		20 × 54	200542155PEPNO	48	25 × 54	250542155PEPNO	38
		2"	60,3	50	20 × 60	200602155PEPNO	40	25 × 60	250602155PEPNO	34
64			63,5		20 × 64	200642155PEPNO	38	25 × 64	250642155PEPNO	32
70			70		20 × 70	200702155PEPNO	30			
76,1	65	2+1/2"	76,1	65	20 × 76	200762155PEPNO	26	25 × 76	250762155PEPNO	26
88,9	80	3"	88,9	80	20 × 89	200892155PEPNO	24	25 × 89	250892155PEPNO	20
108	100		108		20 × 108	201082155PEPNO	14	25 × 108	251082155PEPNO	14
114	100	4"	114,3	100	20 × 114	201142155PEPNO	14	25 × 114	251142155PEPNO	12

Tolerance for K-FLEX® PE PLUS Tubes: Length: - 1,5%

Internal Ø: ≤ 35mm: from +1mm to +4mm, >35mm/≤100mm: from +2mm to +6mm, >100: from +3mm to +8mm

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

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



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.



TECHNICAL DATA

K-FLEX® PE COLOR ▶ TECHNICAL DATA		
Property ▼	Value ▼	Test method ▼
Temperature range	+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)	
Fire rating	Euroclass D _s -s1, d0	EN 13501-1
Ecological data	Without CFCs and HCFCs	

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



K-FLEX® PE COLOR TUBES
INSULATION TUBES: LENGTH 2 METRES

COPPER TUBE			IRON TUBE		THICKNESS 6 MM - RED			THICKNESS 6 MM - BLUE	
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	▼ Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	▼ m/Ct. ▼	▼ Code ▼	▼ Code ▼	
15	10	1/4"	13,5	8	6 × 15	200	060152118PEOCR	060152118PEOCB	
18	15	3/8"	17,2	10	6 × 18	180	060182118PEOCR	060182118PEOCB	
22	20	1/2"	21,3	15	6 × 22	152	060222118PEOCR	060222118PEOCB	
28	25	3/4"	26,9	20	6 × 28	120	060282118PEOCR	060282118PEOCB	
35	32	1"	33,7	25	6 × 35	80	060352118PEOCR	060352118PEOCB	
42	40	1+1/4"	42,4	32	6 × 42	70	060422118PEOCR	060422118PEOCB	
COPPER TUBE			IRON TUBE		THICKNESS 9 MM - RED			THICKNESS 9 MM - BLUE	
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	▼ Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	▼ m/Ct. ▼	▼ Code ▼	▼ Code ▼	
15	10	1/4"	13,5	8	9 × 15	140	090152118PEOCR	090152118PEOCB	
18	15	3/8"	17,2	10	9 × 18	120	090182118PEOCR	090182118PEOCB	
22	20	1/2"	21,3	15	9 × 22	100	090222118PEOCR	090222118PEOCB	
28	25	3/4"	26,9	20	9 × 28	88	090282118PEOCR	090282118PEOCB	
35	32	1"	33,7	25	9 × 35	60	090352118PEOCR	090352118PEOCB	
42	40	1+1/4"	42,4	32	9 × 42	48	090422118PEOCR	090422118PEOCB	
COPPER TUBE			IRON TUBE		THICKNESS 13 MM - RED			THICKNESS 13 MM - BLUE	
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	▼ Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	▼ m/Ct. ▼	▼ Code ▼	▼ Code ▼	
15	10	1/4"	13,5	8	13 × 15	120	130152118PEOCR	130152118PEOCB	
18	15	3/8"	17,2	10	13 × 18	96	130182118PEOCR	130182118PEOCB	
22	20	1/2"	21,3	15	13 × 22	80	130222118PEOCR	130222118PEOCB	
28	25	3/4"	26,9	20	13 × 28	64	130282118PEOCR	130282118PEOCB	
35	32	1"	33,7	25	13 × 35	48	130352118PEOCR	130352118PEOCB	
42	40	1+1/4"	42,4	32	13 × 42	40	130422118PEOCR	130422118PEOCB	
COPPER TUBE			IRON TUBE		THICKNESS 20 MM - RED			THICKNESS 20 MM - BLUE	
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	▼ Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	▼ m/Ct. ▼	▼ Code ▼	▼ Code ▼	
15	10	1/4"	13,5	8	20 × 15	60	200152118PEOCR	200152118PEOCB	
18	15	3/8"	17,2	10	20 × 18	54	200182118PEOCR	200182118PEOCB	
22	20	1/2"	21,3	15	20 × 22	52	200222118PEOCR	200222118PEOCB	
28	25	3/4"	26,9	20	20 × 28	40	200282118PEOCR	200282118PEOCB	
35	32	1"	33,7	25	20 × 35	38	200352118PEOCR	200352118PEOCB	
42	40	1+1/4"	42,4	32	20 × 42	30	200422118PEOCR	200422118PEOCB	
COPPER TUBE			IRON TUBE		THICKNESS 25 MM - RED			THICKNESS 25 MM - BLUE	
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	▼ Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	▼ m/Ct. ▼	▼ Code ▼	▼ Code ▼	
15	10	1/4"	13,5	8	25 × 15	40	250152118PEOCR	250152118PEOCB	
18	15	3/8"	17,2	10	25 × 18	38	250182118PEOCR	250182118PEOCB	
22	20	1/2"	21,3	15	25 × 22	36	250222118PEOCR	250222118PEOCB	
28	25	3/4"	26,9	20	25 × 28	30	250282118PEOCR	250282118PEOCB	
35	32	1"	33,7	25	25 × 35	26	250352118PEOCR	250352118PEOCB	
42	40	1+1/4"	42,4	32	25 × 42	24	250422118PEOCR	250422118PEOCB	

Tolerance for K-FLEX® PE Tubes: Length: - 1,5% - Internal Ø: ≤ 35mm: from +1mm to +4mm, >35mm/≤100mm: from +2mm to +6mm, >100: from +3mm to +8mm
 Thickness: 6 mm: ±1 mm, 9 and 13 mm ±1,5 mm, 19 and 25 mm ±2,5 mm, 32, 40 and 50 ±3 mm
 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.



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	+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)	
Fire rating	Euroclass B _L -s1, d0	EN 13501-1
Ecological data	Without CFCs and HCFCs	

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



K-FLEX® PE PLUS COLOR ▸ TUBES
INSULATION TUBES: LENGTH 2 METRES

COPPER TUBE			IRON TUBE		THICKNESS 9 MM - RED			THICKNESS 9 MM - BLUE
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	▼ Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	▼ m/Ct. ▼	▼ Code ▼	▼ Code ▼
15	10	1/4"	13,5	8	9 × 15	140	090152118PEPCR	090152118PEPCB
18	15	3/8"	17,2	10	9 × 18	120	090182118PEPCR	090182118PEPCB
22	20	1/2"	21,3	15	9 × 22	100	090222118PEPCR	090222118PEPCB
28	25	3/4"	26,9	20	9 × 28	88	090282118PEPCR	090282118PEPCB
35	32	1"	33,7	25	9 × 35	60	090352118PEPCR	090352118PEPCB
42	40	1+1/4"	42,4	32	9 × 42	48	090422118PEPCR	090422118PEPCB

COPPER TUBE			IRON TUBE		THICKNESS 13 MM - RED			THICKNESS 13 MM - BLUE
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	▼ Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	▼ m/Ct. ▼	▼ Code ▼	▼ Code ▼
15	10	1/4"	13,5	8	13 × 15	120	130152118PEPCR	130152118PEPCB
18	15	3/8"	17,2	10	13 × 18	96	130182118PEPCR	130182118PEPCB
22	20	1/2"	21,3	15	13 × 22	80	130222118PEPCR	130222118PEPCB
28	25	3/4"	26,9	20	13 × 28	64	130282118PEPCR	130282118PEPCB
35	32	1"	33,7	25	13 × 35	48	130352118PEPCR	130352118PEPCB
42	40	1+1/4"	42,4	32	13 × 42	40	130422118PEPCR	130422118PEPCB

Tolerance for K-FLEX® PE Tubes: Length: - 1,5% - Internal Ø: ≤ 35mm: from +1mm to +4mm, >35mm/≤100mm: from +2mm to +6mm, >100: from +3mm to +8mm
 Thickness: 6 mm: ±1 mm, 9 and 13 mm ±1,5 mm, 19 and 25 mm ±2,5 mm, 32, 40 and 50 ±3 mm



Underfloor Application

K-FLEX® PE COLOR - COILS

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.

TECHNICAL DATA

K-FLEX® PE COLOR ▶ TECHNICAL DATA		
Property ▼	Value ▼	Test method ▼
Temperature range	+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)	
Fire rating	Euroclass D _s -s1, d0	EN 13501-1
Ecological data	Without CFCs and HCFCs	

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K-FLEX® PE COLOR ▶ COILS								
POLYETHYLENE WITH RED OR BLUE COATING: LENGTH 10 M								
COPPER TUBE			IRON TUBE		THICKNESS 6 MM - RED		THICKNESS 6 MM - BLUE	
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	m/Ct. ▼	Code ▼	Code ▼
15	10	1/4"	13,5	8	6 × 15	280	060152103PEOCR	060152103PEOCB
18	15	3/8"	17,2	10	6 × 18	250	060182103PEOCR	060182103PEOCB
22	20	1/2"	21,3	15	6 × 22	220	060222103PEOCR	060222103PEOCB
28	25	3/4"	26,9	20	6 × 28	180	060282103PEOCR	060282103PEOCB
35	32	1"	33,7	25	6 × 35	150	060352103PEOCR	060352103PEOCB

Tolerance for K-FLEX® PE Tubes: Length: - 1,5% - Internal Ø: ≤ 35mm: from +1mm to +4mm, >35mm/≤100mm: from +2mm to +6mm, >100: from +3mm to +8mm
Thickness: 6 mm: ±1 mm, 9 and 13 mm ±1,5 mm, 19 and 25 mm ±2,5 mm, 32, 40 and 50 ±3 mm



K-FLEX® FONOMETAL

DESCRIPTION

K-FLEX® FONOMETAL is a polyethylene insulating product designed to insulate pipes in masonry works by reducing the noise transmitted by vibration.

APPLICATIONS

K-FLEX® FONOMETAL is designed to reduce the noise transmission of exhaust pipes in civil and industrial construction.



TECHNICAL DATA

K-FLEX® FONOMETAL ▶ TECHNICAL DATA

Property ▼	Value ▼	Test method ▼
Temperature range	+90°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)	
Fire rating	Euroclass E	EN 13501-1
Ecological data	Without CFCs and HCFCs	

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

K-FLEX® FONOMETAL ▶

THICKNESS 5 MM – ROLL 15M

Dimension (mm) ▼	Code ▼	Roll/Ct. ▼	m/Ct. ▼
5 x 50	050502185PEOCR	9	135
5 x 70	050702185PEOCR	7	105
5 x 80	050802185PEOCR	6	90
5 x 90	050902185PEOCR	5	75
5 x 100	051002185PEOCR	5	75
5 x 125	051252185PEOCR	4	60
5 x 150	051502185PEOCR	3	45

THICKNESS 9 MM – ROLL 10M

Dimension (mm) ▼	Code ▼	Roll/Ct. ▼	m/Ct. ▼
9 x 50	090502185PEOCR	8	80
9 x 70	090702185PEOCR	7	70
9 x 80	090802185PEOCR	6	60
9 x 90	090902185PEOCR	6	60
9 x 100	091002185PEOCR	4	40



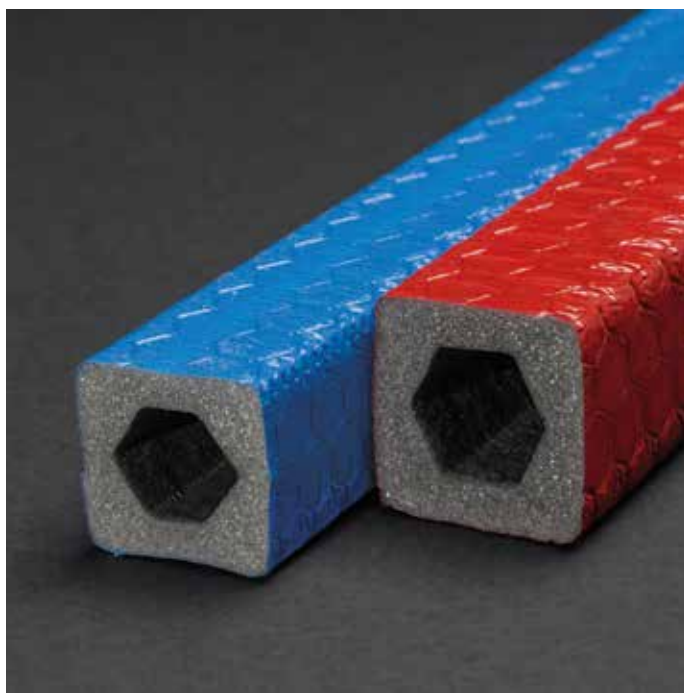
K-FLEX® PE QUADRO

DESCRIPTION

K-FLEX® PE QUADRO The specific hexagonal shape of the hole can support the installer pulling the pipe easier trough the insulation keeping at the same time the pipe well constrained in the quadro tube.

APPLICATIONS

K-FLEX® PE QUADRO is ideal for heat insulation pipelines, cold and hot water supply and equipment. Specifically designed for under floor application.



TECHNICAL DATA

K-FLEX® PE QUADRO ▶ TECHNICAL DATA

Property	Value	Test method
Temperature range	+90°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)	
Fire rating	Euroclass E _l	EN 13501-1
Ecological data	Without CFCs and HCFCs	

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

K-FLEX® PE QUADRO ▶

INSULATION TUBES: LENGTH 2 METRES

COPPER TUBE			IRON TUBE		THICKNESS 7 MM		
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	Code ▼	m/Ct. ▼
15	10	1/4"	13,5	8	7 × 15	070152118PE0QR	160
18	15	3/8"	17,2	10	7 × 18	070182118PE0QR	160
22	20	1/2"	21,3	15	7 × 22	070222118PE0QR	110
28	25	3/4"	26,9	20	7 × 28	070282118PE0QR	84
35	32	1"	33,7	25	7 × 35	070352118PE0QR	60

For the blue version change the last letter to B (example: 070152118PE0QR => 070152118PE0QB)



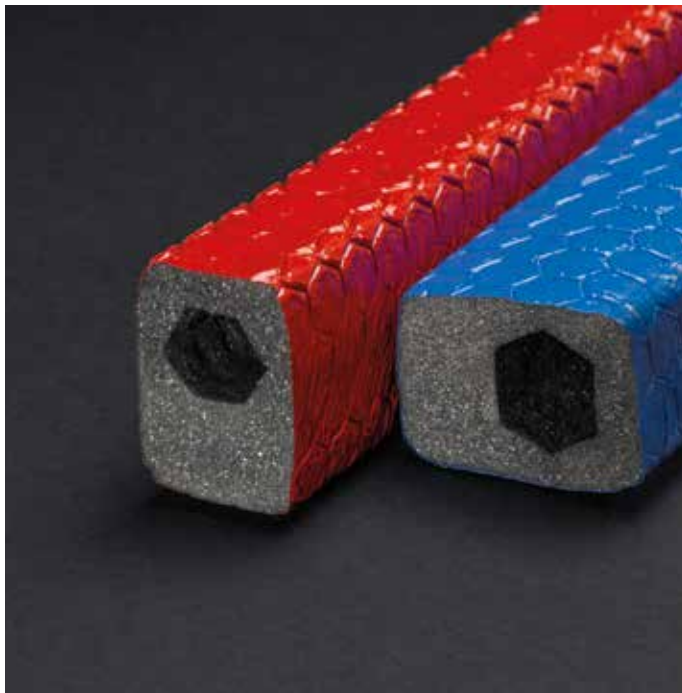
K-FLEX® PE RECTANGULAR

DESCRIPTION

K-FLEX® PE RECTANGULAR The specific hexagonal shape of the hole can support the installer pulling the pipe easier through the insulation keeping at the same time the pipe well constrained in the quadro tube.

APPLICATIONS

K-FLEX® PE RECTANGULAR is ideal for heat insulation pipelines, cold and hot water supply and equipment. Specifically designed for under floor application.



TECHNICAL DATA

K-FLEX® PE RECTANGULAR ▶ TECHNICAL DATA

Property	Value	Test method
Temperature range	+90°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)	
Fire rating	Euroclass E _l	EN 13501-1
Ecological data	Without CFCs and HCFCs	

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

K-FLEX® PE RECTANGULAR ▶

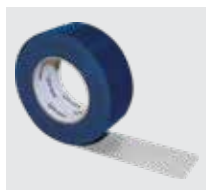
INSULATION TUBES: LENGTH 2 METRES

COPPER TUBE			IRON TUBE		THICKNESS 7 MM		
External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	▼ Inches ▼	External Ø ▼ (mm) ▼	Nom. Ø ▼ DN ▼	Dimension ▼ (mm) ▼	▼ Code ▼	▼ m/Ct. ▼
15	10	1/4"	13,5	8	25 × 15	250152118PEORR	100
18	15	3/8"	17,2	10	25 × 18	250182118PEORR	90
22	20	1/2"	21,3	15	25 × 22	250222118PEORR	82
28	25	3/4"	26,9	20	25 × 28	250282118PEORR	56
28	25	3/4"	26,9	20	38 × 28	380282118PEORR	50
35	32	1"	33,7	25	38 × 35	380352118PEORR	36
42	40	1+1/4"	42,4	32	46 × 42	460422118PEORR	26

For the blue version change the last letter to B (example: 250152118PEORR => 250152118PEORB)



K-FLEX® ACCESSORIES



K-FLEX® CLOTH DUCT TAPE

High Quality PE Duct Tape, adopts high grade fabric cloth with color polyethylene covering, coats improved synthetic rubberresin adhesive coated. It enjoys fast stick, straight and smooth tear, good tensile strength, excellent moisture resistant. It conforms well to irregular surface. It is a good choice for bundling, heavy carton packing, general maintenance, pipe wrapping, carpet fixing, air-conditioning duct's seam and joint sealing etc.

K-FLEX® K 420 glue have been specifically designed for use with K-FLEX® insulation material. The securely bonded surfaces and joints are resistant to ageing and atmospheric agents, and preserve the technical characteristics of the insulating material

K-FLEX® GLUE DISPENSER
A useful accessory that controls flow and helps spread adhesives evenly on insulation surfaces, avoiding having to continuously dip the brush into the tin of adhesive. The adhesive correctly diluted, is manually pumped through the brush.

K-FLEX® TAPES ▶ CLOTH DUCT

K-FLEX® CLOTH DUCT 1604H TAPE

Color	Mesh	Thickness (micron)	Width (mm)	Length (m)	Quantity/Ct.	Availability	Code
Grey	35	160	50	50	24 Rolls	Ex stock	85NDAL50050164S
Grey	35	160	75	50	16 Rolls	On request	85NDAL75050164S
Grey	35	160	100	50	12 Rolls	On request	85NDALA0050164S
Blue	35	160	50	50	24 Rolls	On request	85NDAL50050164R
Red	35	160	50	50	24 Rolls	On request	85NDAL50050164B

K-FLEX® ACCESSORIES ▶ DISPENSER

Description	Code
Glue dispenser	850VR020195

K-FLEX® ACCESSORIES ▶ ADHESIVE

GLUE K 414

L/Can	Quantity/Ct.	Code
0,5	20 cans	850CL020002
0,8	20 cans	850CL020003
2,6	6 cans	850CL020004

PACKAGING

PRODUCTS	CARTON DIMENSIONS (MM)			CARTONS/ PALLET	PALLET DIMENSIONS (MM)		
	LENGTH	WIDTH	HEIGHT	QUANTITY	LENGTH	WIDTH	HEIGHT
K-FLEX® PE	2075	385	320	18	2100	1180	2095
	2075	590	390	10	2100	1180	2085
K-FLEX® PE PLUS	2075	385	320	18	2100	1180	2095
	2075	590	390	10	2100	1180	2085
K-FLEX® PE COLOR	2075	385	320	18	2100	1180	2095
	2075	590	390	10	2100	1180	2085
	1050	550	550	16	2100	1180	2085
K-FLEX® PE PLUS COLOR	2075	385	320	18	2100	1180	2095
	2075	590	390	10	2100	1180	2085
K-FLEX® FONOMETAL	1050	550	550	16	2100	1180	2085
K-FLEX® PE QUADRO	2075	385	320	18	2100	1180	2095
K-FLEX® PE RECTANGULAR	2075	385	320	18	2100	1180	2095



BIG CARTON

590 x 390 x 2075 mm



SMALL CARTON

385 x 320 x 2075 mm



COIL PACKAGING

1050 x 550 x 550 mm



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