

2022



ELECOR

PRIMER

IMPACT

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Cable ducts and accessories

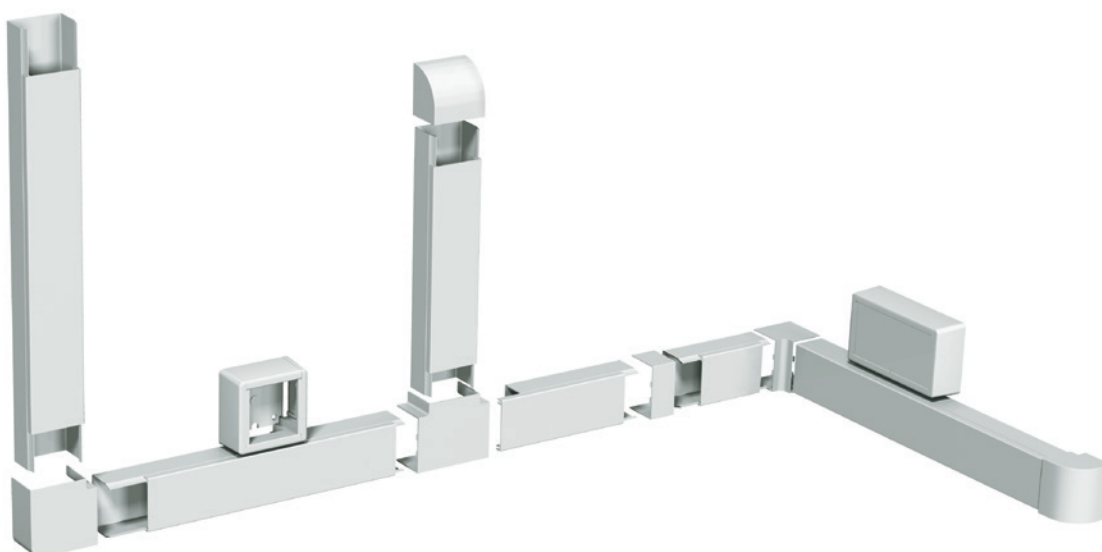
White trunk cable ducts ELECOR and ECOLINE

The popular series of cable ducts ELECOR has been completely improved and modernized and meets the highest consumer and technical requirements.

ELECOR and ECOLINE series trunk cable ducts are designed for installation information, power and low-current electrical communications in office and residential premises, industrial and administrative buildings, medical and children's institutions during construction or reconstruction

ELECOR and ECOLINE series cable ducts meet the requirements of EN 50085-1.

ELECOR



Advantages

- The perforation applied to the base of the cable duct provides ease of attachment to self-tapping screws and hammer drive anchors.
- The corrugation on the base of the cable duct creates a rough surface and provides convenient and durable fastening with liquid nails.
- Special impact modifiers give the cable duct additional strength.
- The smooth glossy surface makes the cable duct resistant to dirt and gives an aesthetic appearance.
- The pure white color of the cable duct is due to the addition of optical stabilizers.
- The cable ducts provide electrical safety (additional insulation of electrical wiring), protect against mechanical damage.
- Exclusion of fire in case of short circuit.
- Simplified electrical wiring in the construction and reconstruction of buildings.

Specifications

Box (section) material:
impact resistant, flame retardant
PVC (composition)

Color
white

Mounting and operation temperature:
-15 ÷ +60 °C

Transportation and storage temperature:
-32 ÷ +60 °C

Impact strength:
NLT 1,5 J for ELECOR,
NLT 0,75 J for ECOLINE at minimum
mounting and operation temperature

Climatic modification:
NF4 (in premises with artificially
controlled climatic conditions)

Degree of protection:
IP40

Dielectric Strength:
NLT 100 MOhms

Design features



The double lock provides a tight connection of the cable duct cover with the base, which allows you to place hard objects (for example, a corrugated pipe) inside the cable duct, as well as install the cable duct on the ceiling.



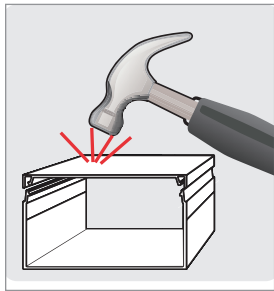
Special additives provide high plasticity: even with strong bends, the cable duct retains its performance characteristics.



The perforation applied to the base of the cable duct provides for the ease of attachment to self-tapping screws and hammer drive anchors.



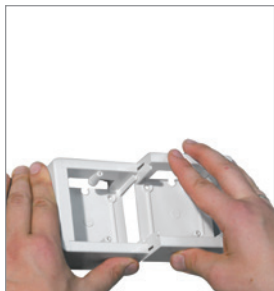
The corrugation on the base of the cable duct creates a rough surface and provides convenient and durable fastening with liquid nails.



Special impact modifiers give the cable duct additional strength.



The pure white color of the cable duct is durable and resistant to UV radiation due to the addition of special additives. The smooth glossy surface makes the cable duct resistant to dirt and gives an aesthetic appearance.



The design of the KMKU universal box, due to removable walls with perforation for cable ducts, allows them to be connected to each other in an unlimited number. It is possible to mount IEK® wiring accessories in the KMKU box.



A wide range of accessories provides for creation of cable routing systems in any design.

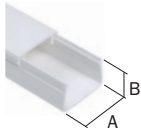


Dense opaque sleeve packaging provides reliable protection of cable ducts in all storage and transportation conditions.



The material of cable ducts are made does not ignite, does not support and does not propagate combustion.

Product range



- Color: white
- Material: PVC (composition)
- Product length: 2 meters
- Package contents: assembled (box + cover)
- Storage: multiple packaging

Name	Width A, mm	Height B, mm	Internal useful cross section area, mm²	Quantity in a package, m	Product ID
ELECOR cable ducts					
10×7	10	7	45	200	CKK10-010-007-1-K01
12×12	12	12	90	120	CKK10-012-012-1-K01
15×10	15	10	95	144	CKK10-015-010-1-K01
16×16	16	16	184	84	CKK10-016-016-1-K01
20×10	20	10	131	96	CKK10-020-010-1-K01
25×16	25	16	283	50	CKK10-025-016-1-K01
25×25	25	25	492	32	CKK10-025-025-1-K01
30×25	30	25	608	32	CKK10-030-025-1-K01
40×16	40	16	475	30	CKK10-040-016-1-K01
40×25	40	25	817	24	CKK10-040-025-1-K01
40×40	40	40	1374	24	CKK10-040-040-1-K01-024
60×40	60	40	2047	18	CKK10-060-040-1-K01-018
60×60	60	60	3187	12	CKK10-060-060-1-K01
80×40	80	40	2740	10	CKK10-080-040-1-K01-010
80×60	80	60	4270	8	CKK10-080-060-1-K01-008
100×40	100	40	3474	8	CKK10-100-040-1-K01
100×60	100	60	5404	8	CKK10-100-060-1-K01
ECOLINE cable ducts					
12×12	12	12	90	120	CKK11-012-012-1-K01
15×10	15	10	95	144	CKK11-015-010-1-K01
16×16	16	16	184	84	CKK11-016-016-1-K01
20×10	20	10	131	96	CKK11-020-010-1-K01
25×16	25	16	283	50	CKK11-025-016-1-K01
25×25	25	25	492	32	CKK11-025-025-1-K01
40×16	40	16	475	30	CKK11-040-016-1-K01
40×25	40	25	817	24	CKK11-040-025-1-K01
40×40	40	40	1374	24	CKK11-040-040-1-K01-024
60×40	60	40	2047	18	CKK11-060-040-1-K01-018
60×60	60	60	3187	12	CKK11-060-060-1-K01
80×60	80	60	4270	8	CKK11-080-060-1-K01-008
100×40	100	40	3474	8	CKK11-100-040-1-K01
100×60	100	60	5404	8	CKK11-100-060-1-K01
ELECOR cable ducts with a built-in partition					
Name	Width A, mm	Height B, mm	Internal useful cross section area S1+S2, mm²	Quantity in a package, m	Product ID
30/2×10	30	10	104+104	64	CKK10-030-010-2-K01
40/2×16	40	16	170+290	30	CKK10-040-016-2-K01

Accessories for white trunk cable duct

Name	Overall dimensions, mm			Product ID	Name	Dimensions, mm				Product ID
	A	B	C			A	B	C1	C2	
L-angle KMP   	14.5	13	22	CKMP10D-P-012-012-K01-R	T-angle KMT   	14.5	13	26	20	CKMP10D-T-012-012-K01-R
	17.5	11	25	CKMP10D-P-015-010-K01		17.5	11	29	23	CKMP10D-T-015-010-K01
	18.5	17	26	CKMP10D-P-016-016-K01		18.5	17	31	25	CKMP10D-T-016-016-K01
	22.5	11	31	CKMP10D-P-020-010-K01		22.5	11	35	28	CKMP10D-T-020-010-K01
	27.5	17	35	CKMP10D-P-025-016-K01		27.5	17	40	34	CKMP10D-T-025-016-K01
	27.5	26	35	CKMP10D-P-025-025-K01-R		27.5	26	40	34	CKMP10D-T-025-025-K01-R
	43	17	53	CKMP10D-P-040-016-K01		43	17	60	51	CKMP10D-T-040-016-K01
	43	26	53	CKMP10D-P-040-025-K01		43	26	60	51	CKMP10D-T-040-025-K01
	43	41	53	CKMP10D-P-040-040-K01-R		43	41	70	57	CKMP10D-T-040-040-K01-R
	64	41	81	CKMP10D-P-060-040-K01		64	41	90	77	CKMP10D-T-060-040-K01
	64	61	81	CKMP10D-P-060-060-K01-R		64	61	90	77	CKMP10D-T-060-060-K01-R
	84	42	100	CKMP10D-P-080-040-K01-R		84	42	111	97	CKMP10D-T-080-040-K01-R
	84	62	100	CKMP10D-P-080-060-K01-R		84	62	111	97	CKMP10D-T-080-060-K01-R
	104	42	120	CKMP10D-P-100-040-K01		104	42	131	118	CKMP10D-T-100-040-K01
	104	62	120	CKMP10D-P-100-060-K01		104	62	131	118	CKMP10D-T-100-060-K01

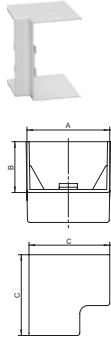
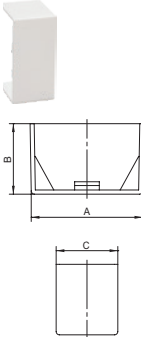
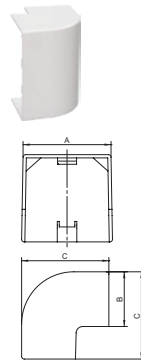
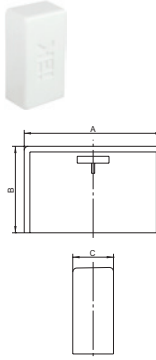
Name	Overall dimensions, mm			Product ID	Name	Dimensions, mm			Product ID
	A	B	C			A	B	C	
Internal angle KMV 	14.5	13	27	CKMP10D-V-012-012-K01-R	Junction connector KMS 	14.5	13	15	CKMP10D-S-012-012-K01-R
	17.5	11	20	CKMP10D-V-015-010-K01		17.5	11	15	CKMP10D-S-015-010-K01
	18.5	17	26	CKMP10D-V-016-016-K01		18.5	17	15	CKMP10D-S-016-016-K01
	22.5	11	20	CKMP10D-V-020-010-K01		22.5	11	15	CKMP10D-S-020-010-K01
	27.5	17	27	CKMP10D-V-025-016-K01		27.5	17	15	CKMP10D-S-025-016-K01
	27.5	26	39	CKMP10D-V-025-025-K01-R		27.5	26	15	CKMP10D-S-025-025-K01-R
	43	17	30	CKMP10D-V-040-016-K01		43	17	22	CKMP10D-S-040-016-K01
	43	26	39	CKMP10D-V-040-025-K01		43	26	22	CKMP10D-S-040-025-K01
	43	41	56	CKMP10D-V-040-040-K01-R		43	41	22	CKMP10D-S-040-040-K01-R
	64	41	58	CKMP10D-V-060-040-K01		64	41	27	CKMP10D-S-060-040-K01
	64	61	80	CKMP10D-V-060-060-K01-R		64	61	27	CKMP10D-S-060-060-K01-R
	84	42	58	CKMP10D-V-080-040-K01-R		84	42	30	CKMP10D-S-080-040-K01-R
	84	62	78	CKMP10D-V-080-060-K01-R		84	62	30	CKMP10D-S-080-060-K01-R
	104	42	58	CKMP10D-V-100-040-K01		104	42	30	CKMP10D-S-100-040-K01
	104	62	78	CKMP10D-V-100-060-K01		104	62	30	CKMP10D-S-100-060-K01
External angle KMN 	14.5	13	23	CKMP10D-N-012-012-K01-R	Plug KMZ 	14.5	13	8	CKMP10D-Z-012-012-K01-R
	17.5	11	21	CKMP10D-N-015-010-K01		17.5	11	8	CKMP10D-Z-015-010-K01
	18.5	17	27	CKMP10D-N-016-016-K01		18.5	17	8	CKMP10D-Z-016-016-K01
	22.5	11	21	CKMP10D-N-020-010-K01		22.5	11	8	CKMP10D-Z-020-010-K01
	27.5	17	27	CKMP10D-N-025-016-K01		27.5	17	8	CKMP10D-Z-025-016-K01
	27.5	26	36	CKMP10D-N-025-025-K01-R		27.5	26	12	CKMP10D-Z-025-025-K01-R
	43	17	31	CKMP10D-N-040-016-K01		43	17	12	CKMP10D-Z-040-016-K01
	43	26	40	CKMP10D-N-040-025-K01		43	26	12	CKMP10D-Z-040-025-K01
	43	41	58	CKMP10D-N-040-040-K01-R		43	41	12	CKMP10D-Z-040-040-K01-R
	64	41	60	CKMP10D-N-060-040-K01		63	41	12	CKMP10D-Z-060-040-K01
	64	61	80	CKMP10D-N-060-060-K01-R		63	61	12	CKMP10D-Z-060-060-K01-R
	84	42	60	CKMP10D-N-080-040-K01-R		84	42	12	CKMP10D-Z-080-040-K01-R
	84	62	80	CKMP10D-N-080-060-K01-R		84	62	12	CKMP10D-Z-080-060-K01-R
	104	42	60	CKMP10D-N-100-040-K01		104	42	20	CKMP10D-Z-100-040-K01
	104	62	80	CKMP10D-N-100-060-K01		104	62	20	CKMP10D-Z-100-060-K01
Universal box KMKU 88×88×44					Universal box KMKU 88x88x44 "ELECOR"				CKK10D-U-1-K01
					Universal box KMKU 88x88x44 "ELECOR" color: ivory				CKK10D-U-1-K32

Table of filling ELECOR cable ducts with cables
(for the calculation, the occupancy is 40% of the internal volume was taken)

Cable duct parameters		Conductor type																			
		U/UTP 5E	RG6 75 Ohms	BOK 8(12)	U/UTP 3	2×1.0	2×1.5	2×2.5	3×1.0	3×1.5	3×2.5	3×4.0	3×6.0	4×1.5	4×2.5	4×4.0	4×6.0	5×1.5	5×2.5	5×4.0	5×6.0
Size A×B, mm	Useful cross section, mm²	Cable diameter, mm																			
		5.5	7.0	8.0	16.0	7.0	7.7	9.0	7.6	8.4	9.7	11.5	11.8	9.8	10.7	13.1	14.2	10.9	11.9	13.7	15.9
		Cable section, mm²																			
		23.7	38.5	50.2	201.0	38.5	46.5	63.6	45.3	55.4	73.9	103.8	109.3	75.4	89.9	134.7	158.3	93.3	111.2	147.3	198.5
10×7	45	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12×12	90	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15×10	95	2	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
16×16	184	3	2	1	0	2	1	1	2	1	1	1	1	1	1	1	0	1	1	0	0
20×10	131	2	2	2	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
25×16	283	4	3	2	0	3	2	2	2	2	2	1	1	2	2	1	0	2	1	0	0
25×25	492	8	5	4	1	5	4	3	4	3	2	2	2	2	2	1	1	2	2	1	1
30×25	608	10	6	5	1	6	5	4	5	4	3	2	2	3	2	2	1	2	2	2	1
40×16	475	8	5	4	1	5	4	3	4	3	2	2	2	2	2	1	1	2	2	1	1
40×25	817	14	8	6	2	8	7	5	7	6	4	3	3	4	4	2	2	3	3	2	2
40×40	1374	23	14	11	2	14	12	8	12	10	7	5	5	7	6	4	3	6	5	4	2
60×40	2047	34	21	16	4	21	17	13	18	14	11	8	7	11	9	6	5	8	7	5	4
60×60	3187	54	33	25	6	33	27	20	28	23	17	12	12	17	14	9	8	14	11	8	6
80×40	2740	46	28	22	5	28	23	17	24	20	15	10	10	14	12	8	7	12	10	7	5
80×60	4270	72	44	34	8	44	36	27	38	31	23	16	16	22	19	12	10	18	15	11	8
100×40	3474	58	36	28	7	36	30	22	30	25	19	13	12	18	15	10	8	15	12	9	7
100×60	5404	91	56	43	10	56	46	34	48	39	29	21	20	28	24	16	14	23	19	14	11
30/2×10 S1	104	2	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
30/2×10 S2	104	2	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0
40/2×16 S1	170	3	2	1	0	2	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0
40/2×16 S2	290	5	3	2	0	3	2	2	2	2	1	1	1	1	1	1	0	1	1	0	0

ELECOR color trunk cable ducts

ELECOR series color cable ducts are designed for installation of information, power and low-current electrical communications in residential premises and country houses during construction or reconstruction. Cable ducts comply with EN 50085-2-1.



ELECOR

Advantages	
- Ensuring electrical safety (additional insulation of electrical wiring) - Protection of wiring from mechanical damage. - Exclusion of fire in case of short circuit. - Restriction of unauthorized access to wiring. - Simplified electrical wiring in the construction and reconstruction of buildings. - Providing quick access to electrical wiring in an emergency. - Possibility of quick modernization and addition of electrical wiring.	
Specifications	
Material	flame retardant PVC
Volume resistivity	NLT 1×10^9 Ohms $\times$ cm at +20 °C
Strength	NLT 1,5 J at - 32 °C
Storage & Transportation Temperature	-32÷+60 °C
Electrical resistance	NLT 1×10^9 Ohms $\times$ cm at + 20 °C
Cover removal test	no additional tool is required for opening, unauthorized access to current-carrying parts is limited

Design features



The texture is applied to the cover and sides of the base to create an aesthetic look.



All sections of the cable ducts are individually printed, including a barcode.



All textures are applied to the cable ducts by thermal printing, which significantly increases the resistance to abrasion.



Wiring accessories and mounting boxes in the color of wood allows you to create communication systems in the same style.

Product range

	Name	Quantity in a package, pcs.	Product ID
	Cable duct 12×12 ELECOR pine	120	CKK10-012-012-1-K34
	Cable duct 15×10 ELECOR pine	144	CKK10-015-010-1-K34
	Cable duct 16×16 ELECOR pine	84	CKK10-016-016-1-K34
	Cable duct 20×10 ELECOR pine	96	CKK10-020-010-1-K34
	Cable duct 25×16 ELECOR pine	50	CKK10-025-016-1-K34
	Cable duct 40×16 ELECOR pine	30	CKK10-040-016-1-K34
	Cable duct 40×25 ELECOR pine	18	CKK10-040-025-1-K34
	Cable duct 12×12 ELECOR oak	120	CKK10-012-012-1-K24
	Cable duct 15×10 ELECOR oak	144	CKK10-015-010-1-K24
	Cable duct 16×16 ELECOR oak	84	CKK10-016-016-1-K24
	Cable duct 20×10 ELECOR oak	96	CKK10-020-010-1-K24
	Cable duct 25×16 ELECOR oak	50	CKK10-025-016-1-K24
	Cable duct 40×16 ELECOR oak	30	CKK10-040-016-1-K24
	Cable duct 40×25 ELECOR oak	18	CKK10-040-025-1-K24

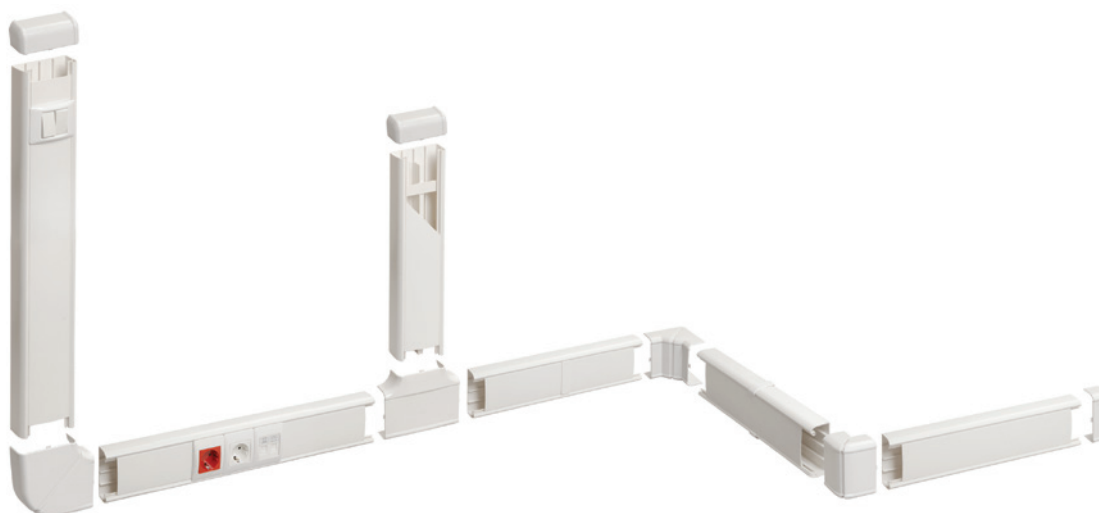
Accessories

	Name	Size, mm	Product ID		Name	Size, mm	Product ID
	External angle KMN, pine	12×12	CKK20D-N-012-012-K01 EL-KK10D-N-012-012-K34		External angle KMN, oak	12×12	CKK10D-N-012-012-K11 EL-KK10D-N-012-012-K11
		15×10	CKK20D-N-015-010-K01 EL-KK10D-N-015-010-K34			15×10	CKK10D-N-015-010-K11 EL-KK10D-N-015-010-K11
		16×16	CKK20D-N-016-016-K01 EL-KK10D-N-016-016-K34			16×16	CKK10D-N-016-016-K11 EL-KK10D-N-016-016-K11
		20×10	CKK20D-N-020-010-K01 EL-KK10D-N-020-010-K34			20×10	CKK10D-N-020-010-K11 EL-KK10D-N-020-010-K11
		25×16	CKK20D-N-025-016-K01 EL-KK10D-N-025-016-K34			25×16	CKK10D-N-025-016-K11 EL-KK10D-N-025-016-K11
		40×16	CKK20D-N-040-016-K01 EL-KK10D-N-040-016-K34			40×16	CKK10D-N-040-016-K11 EL-KK10D-N-040-016-K11
		40×25	CKK20D-N-040-025-K01 EL-KK10D-N-040-025-K34			40×25	CKK10D-N-040-025-K11 EL-KK10D-N-040-025-K11
	Internal angle KMV, pine	12×12	CKK20D-V-012-012-K01 EL-KK10D-V-012-012-K34		Internal angle KMV, oak	12×12	CKK10D-V-012-012-K11 EL-KK10D-V-012-012-K11
		15×10	CKK20D-V-015-010-K01 EL-KK10D-V-015-010-K34			15×10	CKK10D-V-015-010-K11 EL-KK10D-V-015-010-K11
		16×16	CKK20D-V-016-016-K01 EL-KK10D-V-016-016-K34			16×16	CKK10D-V-016-016-K11 EL-KK10D-V-016-016-K11
		20×10	CKK20D-V-020-010-K01 EL-KK10D-V-020-010-K34			20×10	CKK10D-V-020-010-K11 EL-KK10D-V-020-010-K11
		25×16	CKK20D-V-025-016-K01 EL-KK10D-V-025-016-K34			25×16	CKK10D-V-025-016-K11 EL-KK10D-V-025-016-K11
		40×16	CKK20D-V-040-016-K01 EL-KK10D-V-040-016-K34			40×16	CKK10D-V-040-016-K11 EL-KK10D-V-040-016-K11
		40×25	CKK20D-V-040-025-K01 EL-KK10D-V-040-025-K34			40×25	CKK10D-V-040-025-K11 EL-KK10D-V-040-025-K11
	Plug KMZ, pine	12×12	CKK20D-Z-012-012-K01 EL-KK10D-Z-012-012-K34		Plug KMZ, oak	12×12	CKK10D-Z-012-012-K11 EL-KK10D-Z-012-012-K11
		15×10	CKK20D-Z-015-010-K01 EL-KK10D-Z-015-010-K34			15×10	CKK10D-Z-015-010-K11 EL-KK10D-Z-015-010-K11
		16×16	CKK20D-Z-016-016-K01 EL-KK10D-Z-016-016-K34			16×16	CKK10D-Z-016-016-K11 EL-KK10D-Z-016-016-K11
		20×10	CKK20D-Z-020-010-K01 EL-KK10D-Z-020-010-K34			20×10	CKK10D-Z-020-010-K11 EL-KK10D-Z-020-010-K11
		25×16	CKK20D-Z-025-016-K01 EL-KK10D-Z-025-016-K34			25×16	CKK10D-Z-025-016-K11 EL-KK10D-Z-025-016-K11
		40×16	CKK20D-Z-040-016-K01 EL-KK10D-Z-040-016-K34			40×16	CKK10D-Z-040-016-K11 EL-KK10D-Z-040-016-K11
		40×25	CKK20D-Z-040-025-K01 EL-KK10D-Z-040-025-K34			40×25	CKK10D-Z-040-025-K11 EL-KK10D-Z-040-025-K11
	L-angle KMP, pine	12×12	CKK20D-P-012-012-K01 EL-KK10D-P-012-012-K34		L-angle KMP, oak	12×12	CKK10D-P-012-012-K11 EL-KK10D-P-012-012-K11
		15×10	CKK20D-P-015-010-K01 EL-KK10D-P-015-010-K34			15×10	CKK10D-P-015-010-K11 EL-KK10D-P-015-010-K11
		16×16	CKK20D-P-016-016-K01 EL-KK10D-P-016-016-K34			16×16	CKK10D-P-016-016-K11 EL-KK10D-P-016-016-K11
		20×10	CKK20D-P-020-010-K01 EL-KK10D-P-020-010-K34			20×10	CKK10D-P-020-010-K11 EL-KK10D-P-020-010-K11
		25×16	CKK20D-P-025-016-K01 EL-KK10D-P-025-016-K34			25×16	CKK10D-P-025-016-K11 EL-KK10D-P-025-016-K11
		40×16	CKK20D-P-040-016-K01 EL-KK10D-P-040-016-K34			40×16	CKK10D-P-040-016-K11 EL-KK10D-P-040-016-K11
		40×25	CKK20D-P-040-025-K01 EL-KK10D-P-040-025-K34			40×25	CKK10D-P-040-025-K11 EL-KK10D-P-040-025-K11

	Name	Size, mm	Product ID		Name	Size, mm	Product ID
	Junction connector KMS pine	12×12	CKK20D-S-012-012-K01 EL-KK10D-S-012-012-K34		Junction connector KMS oak	12×12	CKK10D-S-012-012-K11 EL-KK10D-S-012-012-K11
		15×10	CKK20D-S-015-010-K01 EL-KK10D-S-015-010-K34			15×10	CKK10D-S-015-010-K11 EL-KK10D-S-015-010-K11
		16×16	CKK20D-S-016-016-K01 EL-KK10D-S-016-016-K34			16×16	CKK10D-S-016-016-K11 EL-KK10D-S-016-016-K11
		20×10	CKK20D-S-020-010-K01 EL-KK10D-S-020-010-K34			20×10	CKK10D-S-020-010-K11 EL-KK10D-S-020-010-K11
		25×16	CKK20D-S-025-016-K01 EL-KK10D-S-025-016-K34			25×16	CKK10D-S-025-016-K11 EL-KK10D-S-025-016-K11
		40×16	CKK20D-S-040-016-K01 EL-KK10D-S-040-016-K34			40×16	CKK10D-S-040-016-K11 EL-KK10D-S-040-016-K11
		40×25	CKK20D-S-040-025-K01 EL-KK10D-S-040-025-K34			40×25	CKK10D-S-040-025-K11 EL-KK10D-S-040-025-K11
	T-angle KMT, pine	12×12	CKK20D-T-012-012-K01 EL-KK10D-T-012-012-K34		T-angle KMT, oak	12×12	CKK10D-T-012-012-K11 EL-KK10D-T-012-012-K11
		15×10	CKK20D-T-015-010-K01 EL-KK10D-T-015-010-K34			15×10	CKK10D-T-015-010-K11 EL-KK10D-T-015-010-K11
		16×16	CKK20D-T-016-016-K01 EL-KK10D-T-016-016-K34			16×16	CKK10D-T-016-016-K11 EL-KK10D-T-016-016-K11
		20×10	CKK20D-T-020-010-K01 EL-KK10D-T-020-010-K34			20×10	CKK10D-T-020-010-K11 EL-KK10D-T-020-010-K11
		25×16	CKK20D-T-025-016-K01 EL-KK10D-T-025-016-K34			25×16	CKK10D-T-025-016-K11 EL-KK10D-T-025-016-K11
		40×16	CKK20D-T-040-016-K01 EL-KK10D-T-040-016-K34			40×16	CKK10D-T-040-016-K11 EL-KK10D-T-040-016-K11
		40×25	CKK20D-T-040-025-K01 EL-KK10D-T-040-025-K34			40×25	CKK10D-T-040-025-K11 EL-KK10D-T-040-025-K11

Parapet cable ducts PRIMER

PRIMER series system of parapet cable ducts is designed for installation of all types of power and low-voltage communications, including optical cable and information wiring of high categories, for organizing a workplace in office, industrial and administrative buildings, medical and educational institutions, during construction and reconstruction. The PRIMER series cable duct system complies with the requirements of EN 50085-1.



Advantages

- Workplace arrangement.
- Ensuring electrical safety (additional insulation of electrical wiring)
- Protection of wiring from mechanical damage.
- Exclusion of a possible fire in case of a short circuit.
- Restriction of unauthorized access to wiring.
- Simplified electrical wiring in the construction and reconstruction of buildings.
- Providing quick access to electrical wiring in an emergency.
- Possibility of quick modernization and addition of electrical wiring.

Specifications

- Material**
plastic, impact resistant, self-extinguishing
UV resistant and aggressive
chemical environment PVC
- Fire resistance**
when ignited, the material does not allow fire to spread
- Strength**
NLT 5 J at $-32\text{ }^{\circ}\text{C}$
- Operating temperature range for continuous operation**
 $-15\div +60\text{ }^{\circ}\text{C}$
- Installation temperature**
 $-15\div +60\text{ }^{\circ}\text{C}$
- Storage & transportation temperature**
 $-25\div +60\text{ }^{\circ}\text{C}$
- Electrical resistance**
NLT $1\times 10^9\text{ Ohms}\times\text{cm}$ at $+20\text{ }^{\circ}\text{C}$
- Color**
white
- Cover removal test**
no additional tool required for opening,
unauthorized access to live parts is limited

Design features



Adjustable angles provide for compensation of the unevenness of the walls during installation, thereby facilitating and improving the installation and appearance of the mounted cable duct system.



Bright branded packaging made of double-layer corrugated cardboard protects the duct during transportation. Perforation on the side flaps provides for opening the box without additional tools when stored horizontally.



All IEK® wiring accessories with a 45×45 seat have a side connection, which allows you to significantly save space in the duct. To connect the wiring, it is not required to disassemble the wiring accessories.



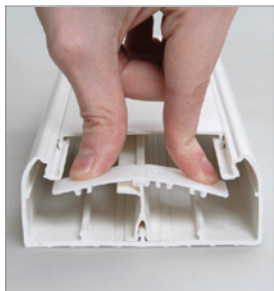
All cable ducts are covered with a self-adhesive protective film. It protects the duct from contamination during installation. At the end of installation, the film can be easily removed.



The cable ducts provide for the installation of removable partitions (up to three pieces) to separate power and information wiring. And the perforation on the basis of the cable ducts provides an opportunity to reduce installation time.



Information and telephone sockets have gold-plated contacts. The wiring of contacts for knives occurs on a printed circuit board. This greatly improves the quality and service life of the products.



A universal holder greatly facilitates the installation of the cable with the cover open.



The holder can be installed both on the partition wall and on the side of the duct.



Adapter for boxes for 2 modules 45×45 allows both external mounting on KMKU boxes and internal mounting on KM boxes.



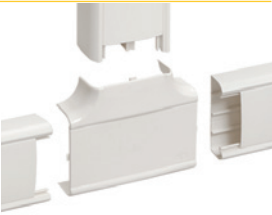
The universal frame for cable ducts can be installed both in ducts with a cover width of 60 mm and with a width of 75 mm. One frame for all sections of cable ducts.

The product range of PRIMER cable ducts and accessories for them

Name	Purpose	Size of cable duct	Cross sectional area for the cable, mm ²	Number in a package	Weight, kg/m	Product ID	Mounting method
Parapet cable duct 	For laying all types of wiring, including optical cable	80×40	2600	24 m	0.835	CKK40-080-040-1-K01	
		100×40	3100	16 m	1.100	CKK40-100-040-1-K01	
		100×60	5100	12 m	1.250	CKK40-100-040-1-K01	
		120×55	1550 + 700	6 m	1.230	CKK40-120-055-1-K01	
		150×60*	7800	8 m	1.150	CKK40-150-060-1-K01	
Dividing partition 	For partition of wirings inside the cable duct	150×60		60 m	0.250	CKK-40D-NP-150-060-K01	
		100×60		100 m	0.120	CKK-40D-P60-K01	
		100×40		160 m	0.160	CKK-40D-P40-K01	
		80×40		160 m	0.160	CKK-40D-P40-K01	
		60×40		160 m	0.160	CKK-40D-P40-K01	
		60×40		160 m	0.160	CKK-40D-P60-K01	
Cover for cable duct 	For mounting into the cable duct	150×60		60 m	0.340	CKK-40D-KR125-K01	
		150×60**		120 m	0.200	CKK-40D-KR75-K01	
Plug 	For closing the cable duct end	150×60		5 pcs.		CKK-40D-Z-150-060-K01	
		120×55		10 pcs.		CKK-40D-Z-120-055-K01	
		100×60		12 pcs.		CKK-40D-Z-100-060-K01	
		100×40				CKK-40D-Z-100-040-K01	
		80×40				CKK-40D-Z-080-040-K01	
External variable angle 	For connecting two cable ducts at the external angle from 80 to 100°	150×60		8 pcs.		CKK-40D-W-150-060-K01	
		120×55		2 pcs.		CKK-40D-W-120-055-K01	
		100×60		12 pcs.		CKK-40D-W-100-060-K01	
		100×40				CKK-40D-W-100-040-K01	
		80×40				CKK-40D-W-080-040-K01	
Internal variable angle 	For connecting two cable ducts in the internal angle from 80 to 100°	150×60		8 pcs.		CKK-40D-X-150-060-K01	
		120×55		2 pcs.		CKK-40D-X-120-055-K01	
		100×60		12 pcs.		CKK-40D-X-100-060-K01	
		100×40				CKK-40D-X-100-040-K01	
		80×40				CKK-40D-X-080-040-K01	
Flat variable angle 	For connecting two cable ducts on a plane at an angle from 80 to 100°	150×60		5 pcs.		CKK-40D-P-150-060-K01	
		120×55		2 pcs.		CKK-40D-P-120-055-K01	
		100×60		12 pcs.		CKK-40D-P-100-060-K01	
		100×40				CKK-40D-P-100-040-K01	
		80×40				CKK-40D-P-080-040-K01	

* The cable-duct is supplied without a cover.

** For installation on a partition.

Name	Purpose	Size of cable duct	Quantity in a package, pcs.	Product ID	Mounting method
T-angle 	For a T-connection (branch) of three cable ducts on a plane	150×60	8	CKK-40D-T-150-060-K01	
		120×55	2	CKK-40D-T-120-055-K01	
		100×60	12	CKK-40D-T-100-060-K01	
		100×40	12	CKK-40D-T-100-040-K01	
		80×40	12	CKK-40D-T-080-040-K01	
Side junction connector 	To close the joint from the sides when connecting cable ducts on a straight plane	150×60	40	CKK-40D-SB60-K01	
		120×55	2	CKK-40D-S-120-055-K01	
		100×60	40	CKK-40D-SB60-K01	
		100×40	40	CKK-40D-SB40-K01	
		80×40	40	CKK-40D-SB40-K01	
Face junction connector 	To close the joint of covers when connecting cable ducts on a straight plane	150×60	20	CKK-40D-SL125-K01	
		120×55	2	CKK-40D-S-120-055-K01	
		100×60	20	CKK-40D-SL75-K01	
		100×40	20	CKK-40D-SL75-K01	
		80×40	20	CKK-40D-SL60-K01	
Universal cable holder 	For fixing the cable inside the cable duct	100×60	50	CKK-40D-FU-K03	
		100×40	50	CKK-40D-FU-K03	
		80×40	50	CKK-40D-FU-K03	
Frame and support for 2 modules 45×45 	For installation of wiring devices with a seat 45×45 in parapet cable ducts	150×60*	10	CKK-40D-RU2-K01	
		100×60	10	CKK-40D-RU2-K01	
		100×40	10	CKK-40D-RU2-K01	
		80×40	10	CKK-40D-RU2-K01	
Frame and support for 4 modules 45×45 	For installation of wiring devices with a seat 45×45 in parapet cable ducts	150×60*	10	CKK-40D-RSU4-060-K01	
		100×60	10	CKK-40D-RSU4-075-K01	
		100×40	10	CKK-40D-RSU4-075-K01	
		80×40	10	CKK-40D-RSU4-060-K01	
Frame and support for 6 modules 45×45 	For installation of wiring devices with a seat 45×45 in parapet cable ducts	150×60*	10	CKK-40D-RSU6-060-K01	
		100×60	10	CKK-40D-RSU6-075-K01	
		100×40	10	CKK-40D-RSU6-075-K01	
		80×40	10	CKK-40D-RSU6-060-K01	
Support for 60 mm wiring accessories 	For installation of wiring devices with a seat 60 mm in parapet cable ducts	100×60	20	CKK-40D-SE75-K01	
		100×40	20	CKK-40D-SE75-K01	

* For installation on a partition.

Name	Purpose	Quantity of modules	Quantity in a package, pcs.	Product ID	Mounting method
Frame for boxes for 2 modules 45×45 	For installation of wiring devices with a seat 45×45 in KMKU and KM boxes	2	10	CKK-40D-RK2-K01	
Support for boxes for 2 modules 45×45 	For installation of wiring devices with a seat 45×45 in KMKU and KM boxes	2	10	CKK-40D-SK2-K01	
Frame and support for 2 45×45 modules boxes 	For installation of wiring devices with a seat 45×45	2	10	CKK-40D-RSK2-K01	

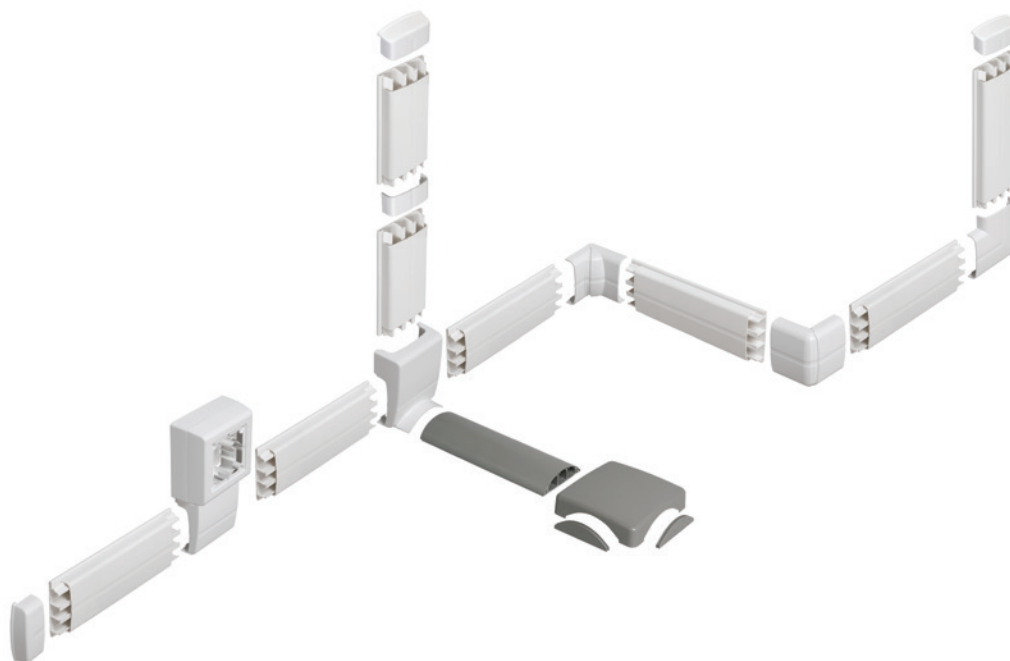
Wiring accessories for PRIMER cable ducts

Name	Designation	Rated current, A	Quantity of modules	Quantity in a package, pcs.	Product ID
One-button one-way switch	VK0-21-00-P	10	2	10	CKK-40D-V02-K01
One-button two-way switch	VK4-21-00-P	10	2	10	CKK-40D-P02-K01
					
Two-button one-way switch	VK1-22-00-P	10	2	10	CKK-40D-VD2-K01
Two-button two-way switch	VK4-22-00-P	10	2	10	CKK-40D-PD2-K01
					
Non-grounding type socket (white)	RKS-20-20-P-K	10	2	10	CKK-40D-RSB2-K01-K
					
Non-grounding type socket (red)	RKS-20-22-P-K	10	2	10	CKK-40D-RSK2-K04-K
					

Name	Designation	Rated current, A	Quantity of modules	Quantity in a package, pcs.	Product ID
Grounding-type socket (white)	RKS-20-30-P-K	16	2	10	CKK-40D-RSZB2-K01-K
					
Grounding-type socket (red)	RKS-20-32-P-K	16	2	10	CKK-40D-RSZK2-K04-K
					
TV socket	RKT-20-00-P		2	10	CKK-40D-TV1-K01
					
Data socket RJ-45 UTP cat. 5e	RKI-10-00-P		1	10	CKK-40D-RI1-K01
					
Data socket RJ-45 UTP cat. 5e	RKI-20-00-P		2	10	CKK-40D-RI2-K01
					
Phone socket RJ-11 cat. 3	RKF-10-00-P		1	10	CKK-40D-RT1-K01
					
Phone socket RJ-11 cat. 3	RKF-20-00-P		2	10	CKK-40D-RT2-K01
					
Plug for 1 module	3K-00-01-Π		1	10	CKK-40D-Z01-K01
					

Floor and plinth cable ducts

ELECOR series floor and parapet cable ducts is designed for installation of all types of power and low-voltage communications, including optical cable and information wiring of high categories, for organizing a workplace in office, industrial and administrative buildings, medical and educational institutions, during construction and reconstruction.
The ELECOR series cable duct system complies with the requirements of EN 50085-1.



Advantages

- Workplace arrangement.
- Ensuring electrical safety (additional insulation of electrical wiring)
- Protection of wiring from mechanical damage.
- Exclusion of fire in case of short circuit in the box.
- Restriction of unauthorized access to wiring.
- Simplified electrical wiring in the construction and reconstruction of buildings.
- Providing quick access to electrical wiring in an emergency.
- Possibility of quick modernization and addition of electrical wiring.

Specifications

Material
plastic, impact-resistant, self-extinguishing PVC, UV and aggressive chemical environment resistant
PVC with low moisture permeability

Volume resistivity
NLT 1×10^9 Ohms $\times$ cm
at + 20 °C

Strength
NLT 5 J at –32 °C

Operating temperature range
for continuous operation
–15 ÷ +60 °C

Installation temperature
–15 ÷ +60 °C

Storage & transportation temperature
–32 ÷ +60 °C

Electrical resistance
NLT 1×10^9 Ohms $\times$ cm
at + 20 °C

Color
plinth – white;
floor – grey

Cover removal test
no additional tool required
for opening, unauthorized access
to live parts is limited

Design features



Adjustable angles facilitate and improve the installation of the system. Built-in partitions separate power and information cables, providing high-quality laying of information wiring of high categories.



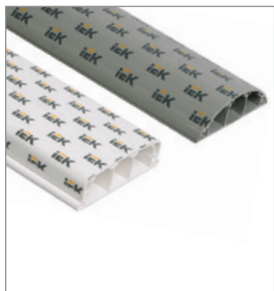
Wax, which is part of the raw material for the production of plinth and floor cable ducts, makes it easier to wash them.



For ease of installation, all cable ducts are perforated. The ribbing of the base makes it possible to attach the ducts to adhesive solutions and double-sided adhesive tapes (used only for preliminary fixation).



The cable duct has an increased resistance to all types of loads due to design with partitions and additional strength modifier.



All cable ducts are covered with a self-adhesive protective film. It protects the duct from contamination during installation. At the end of installation, the film can be easily removed.

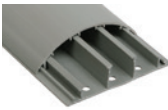
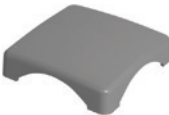


Floor and plinth cable ducts are supplied in a branded package made of corrugated cardboard 5 mm thick.



All accessories are individually packaged in plastic with a sticker with a barcode and information to help identify the product.

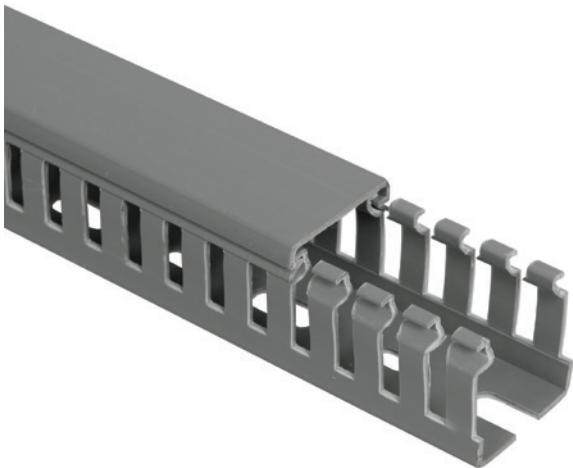
Assortment of floor and plinth cable ducts and accessories

Name	Purpose	Quantity in a package, pcs.	Product ID	Name	Purpose	Quantity in a package	Product ID
Cable duct 80×20 plinth 	Used as a plinth along the border of the wall and floor	28 m	CKK20-080-020-1-K01	Junction connector 	For connection of two cable ducts on the straight plane	10 pcs.	CKK11D-S-080-020-K01
Cable duct floor 	Used for laying cables on the floor	42 m	CKK30-070-016-3-K03	T-angle 	For a T-connection of three cable ducts	10 pcs.	CKK11D-T-080-020-K01
External variable angle 	For connecting two cable ducts with an external angle from 70 to 135°	10 pcs.	CKK11D-W-080-020-K01	Junction box 	It is used as a splitter of the floor cable duct and as a terminal box	10 pcs.	CKK12D-K-070-016-K03
Internal variable angle 	For connecting two cable ducts with an internal angle from 80 to 120°	10 pcs.	CKK11D-X-080-020-K01	Adapter for floor cable duct 	For branching the floor cable duct from the plinth	10 pcs.	CKK11D-A-080-020-K01
Plug 	For closing the cable duct end	10 pcs.	CKK11D-Z-080-020-K01	L-angle 	For connection of two cable ducts at an angle of 90°	10 pcs.	CKK11D-P-080-020-K01
Single-seater installation box 	For placement in a box of wiring accessories with a seat of 60 mm	5 pcs.	CKK11D-U-080-020-K01				

IMPACT series perforated cable duct

IMPACT series perforated cable ducts are designed for organizing cabling in electrical distribution cabinets.
IMPACT series cable ducts meet the requirements of EN/IEC 50085-1, EN/IEC 50085-2-3.

IMPACT



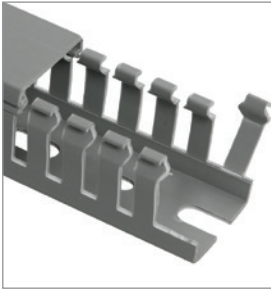
Advantages

- Organization of cabling in electrical distribution cabinets.
- Protection of wiring from mechanical damage.
- Providing electrical safety
- Providing quick access to electrical wiring in an emergency.
- Possibility of quick modernization and addition of wiring.
- Simplified electrical wiring in the construction and reconstruction of buildings and constructions.

Specifications

Material	plastic, self-extinguishing PVC when ignited, the material does not allow fire to spread
Temperature range during long-term operation	-15 to +60 °C
Installation temperature	-15 to +60 °C
Storage & transportation temperature	-25 to +60 °C
Electric resistance	NLT 1×10 ⁹ Ohms×cm at +20 °C
Color	grey
Cover removal test	no additional tool required for opening, unauthorized access to live parts is limited

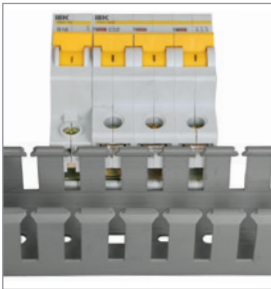
Design features



All IMPACT perforated cable ducts have a special notch at the base of the tooth. Due to this tooth marks, the lamella breaks off evenly, without leaving jagged edges on the base of the duct. This allows to exclude damage to the insulation of the wire when it is inserted into the duct.



The base of all perforated cable ducts of the IMPACT series is perforated from oval holes – this significantly increases the speed of installation and the quality of fastening.



The pitch of the perforation coincides with the pitch of the contact clamps on modular equipment, which excludes the imposition of the terminal on the duct tooth. This reduces installation time.



In the event of a short circuit, the likelihood of a fire is reduced to a minimum, since the material of the IMPACT perforated cable ducts does not spread combustion.

Product range

Name	Dimensions W×H, mm	Width of a tooth, mm	Width of perf., mm	Quantity in a package, pcs.	Product ID
Perforated cable duct 25×25 IMPACT	25×25	6	4	100	CKM50-025-025-1-K03
Perforated cable duct 25×40 IMPACT	25×40	6	4	60	CKM50-025-040-1-K03
Perforated cable duct 25×60 IMPACT	25×60	6	4	48	CKM50-025-060-1-K03
Perforated cable duct 40×40 IMPACT	40×40	6	4	36	CKM50-040-040-1-K03
Perforated cable duct 40×60 IMPACT	40×60	6	4	24	CKM50-040-060-1-K03
Perforated cable duct 60×40 IMPACT	60×40	6	4	24	CKM50-060-040-1-K03
Perforated cable duct 60×60 IMPACT	60×60	6	4	16	CKM50-060-060-1-K03
Perforated cable duct 80×60 IMPACT	80×60	6	4	16	CKM50-080-060-1-K03
Perforated cable duct 100×60 IMPACT	100×60	6	4	12	CKM50-100-060-1-K03

Plastic pipes

Smooth rigid PVC pipes

Smooth pipes are used for laying open-type power and low-current lines both inside buildings and structures and outdoors. Many accessories allow them to be used in any conditions (IP40, IP65). Smooth rigid PVC pipes meet the requirements of .



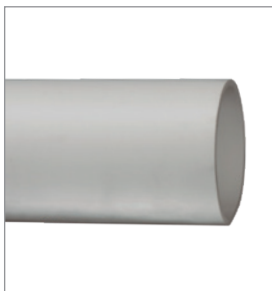
Advantages

- Exclusion of fire in case of short circuit.
- Additional protection of wiring from mechanical damage.
- A wide range provides for solving the most complex installation tasks.
- High degree of moisture and dust resistance.

Specifications

Material	self-extinguishing PVC composition
Degree of protection	IP65
Strength	above 350 N for 5 cm at +20 °C
Range of operating temperatures at long-term operation	–15 ÷ +60 °C
Installation temperature	–10 ÷ +60 °C
Storage & Transportation Temperature	–25 ÷ +60 °C
Electric resistance	NLT 100 MOhms (500 V during 1 min.) flame- retarding
Color	RAL 7035 (gray)

Design features



It is made in the form of a pipe segment with a smooth internal and external wall made of self-extinguishing PVC.



Many accessories provide for installation for any type of objects (degree of protection IP40, IP65).



The smooth internal surface of the pipe provides convenient cable pulling inside the use of additional accessories.



The end face of the group package is protected by a bubble film, which provides protection against damage during storage and transportation. Additional fixation of the package with strapping tape in at least four places gives the package uniformity.



Provides a high degree of moisture and dust protection IP65.



Accessories are available in gray and black.

Product range

	Length, m	External diameter, mm	Internal diameter, mm	Color	Quantity in a package, m	Product ID
	3	16	14.5	RAL 7035	111	CTR10-016-K41-111I
	3	20	18.2	RAL 7035	93	CTR10-020-K41-093I
	3	25	23.0	RAL 7035	60	CTR10-025-K41-060I
	3	32	29.8	RAL 7035	30	CTR10-032-K41-030I
	3	40	37.5	RAL 7035	24	CTR10-040-K41-024I
	3	50	46.9	RAL 7035	15	CTR10-050-K41-015I
	3	63	56.5	RAL 7035	15	CTR10-063-K41-015I

Corrugated PVC pipes

Corrugated pipes are used for laying hidden-type power and low-current lines inside buildings and structures. Due to the flexibility of the pipe, cable laying is carried out with minimal effort and requires almost no additional accessories. Corrugated PVC pipes meet the requirements of EN/IEC 61386-1, EN/IEC 61386-22

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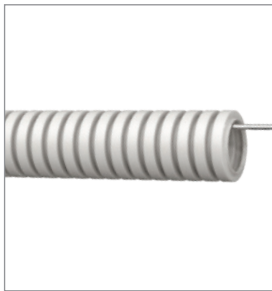
Advantages

- Exclusion of fire in case of short circuit.
- Additional protection of wiring from mechanical damage.
- The material of the pipes is an excellent dielectric.
- The flexibility of the pipes ensures quick and easy installation with a minimum of accessories.
- The convenience of pulling the cable is provided by the broach tool.

Specifications

Material	PVC composition
Degree of protection	IP55
Strength	above 350 N for 5 cm at +20 °C
Operating temperature range for continuous operation	–15÷+60 °C
Installation temperature	–10÷+60 °C
Storage & Transportation Temperature	–25÷+60 °C
Electrical resistance	NLT 100 MOhms (500 V during 1 min)
	flame-retarding
Color	RAL 7035 (gray)

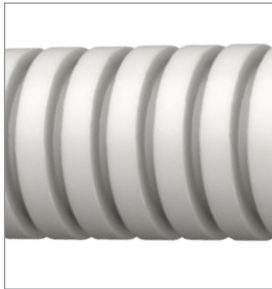
Design features



It is made in the form of a flexible corrugated pipe made of flame retardant PVC.



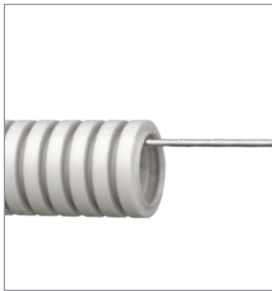
Due to the fact that the pipe is flexible, its installation can be carried out without the use of additional accessories (L-angles).



Since 2020, a new generation of corrugated PVC pipes is produced with a new pipe profile geometry and from an improved compound, which makes the pipe more durable and wear resistant.



Corrugated pipe packaging is a coil in a sealed stretch film that protects the pipe from moisture and dust.



A metal broach tool along the entire length of the corrugated pipe facilitates pulling the cable after installation.



Palletized products are covered with a sheet of opaque polyethylene and wrapped in four layers of opaque stretch film to protect against precipitation and UV exposure.

Product range

	Name	External diameter, mm	Internal diameter, mm	Quantity in a bundle, m	Product ID
	Corrugated PVC pipe with a broach tool	16	10.7	100	CTG20-16-K41-100I
		16	10.7	50	CTG20-16-K41-050I
		16	10.7	25	CTG20-16-K41-025I
		16	10.7	10	CTG20-16-K41-010I
		20	14.1	100	CTG20-20-K41-100I
		20	14.1	50	CTG20-20-K41-050I
		20	14.1	25	CTG20-20-K41-025I
		20	14.1	10	CTG20-20-K41-010I
		25	18.3	50	CTG20-25-K41-050I
		25	18.3	25	CTG20-25-K41-025I
		25	18.3	15	CTG20-25-K41-015I
		25	18.3	10	CTG20-25-K41-010I
		32	24.3	25	CTG20-32-K41-025I
		32	24.3	10	CTG20-32-K41-010I
		40	31.2	15	CTG20-40-K41-015I
		50	39.6	15	CTG20-50-K41-015I
		62	50.6	15	CTG20-63-K41-015I

Accessories for PVC pipes

Name	Description	For a pipe with an external diameter, mm	Quantity in a package, pcs.	Product ID
Clip with a latch CF 	Purpose: for fixing the pipe. The design of the holder allows interconnecting several holders. Color: RAL 7035 (gray)	16	100	CTA10D-CF-16-K41-100
		20	100	CTA10D-CF-20-K41-100
		25	50	CTA10D-CF-25-K41-050
		32	40	CTA10D-CF-32-K41-040
		40	30	CTA10D-CF-40-K41-030
		50	25	CTA10D-CF-50-K41-025
	Color: RAL 9005 (black) 	16	100	CTA10D-CF16-K02-100
		16	10	CTA10D-CF16-K02-010
		20	100	CTA10D-CF20-K02-100
		20	10	CTA10D-CF20-K02-010
		25	100	CTA10D-CF25-K02-100
		25	10	CTA10D-CF25-K02-010
		32	50	CTA10D-CF32-K02-050
		32	5	CTA10D-CF32-K02-005
Clip with a latch and screw anchor CT 	Purpose: for fixing the pipe. Color: RAL 7035	16 (with a screw)	100	CTA10D-CT-16-K41-100
		16 (without a screw)	100	CTA10MP-CT16-K41-100
		20 (with a screw)	100	CTA10D-CT-20-K41-100
		20 (without a screw)	100	CTA10MP-CT20-K41-100
		25 (with a screw)	100	CTA10D-CT-25-K41-100
		32 (with a screw)	50	CTA10D-CT-32-K41-050
Strap bracket CFC 	Purpose: for fixing the pipe. The pipe is securely attached due to a latch. The design allows connecting several holders. Color: RAL 7035	16	100	CTA10MP-CFC16-K41-100
		20	100	CTA10MP-CFC20-K41-100
		25	100	CTA10MP-CFC25-K41-100
		32	50	CTA10MP-CFC32-K41-050
	Length: 205 mm Color: RAL 7035	16–32	100	CTA10MP-CFF132-K41-100
		32–63	50	CTA10MP-CFF263-K41-100
Strap brackets with a buckle CFF 				

Accessories for PVC IP 40 pipes

For indoor use, in places protected from moisture.

Name	Description	For a pipe with an external diameter, mm	Quantity in a package, pcs.	Product ID
Pipe-to-pipe coupling GIG 	Purpose: for straight connection of rigid smooth pipes of the same diameter. There is a limiter in the middle of the coupling on the inside. Color: RAL 7035	16	100	CTA10D-GIG16-K41-100
		20	100	CTA10D-GIG20-K41-100
		25	50	CTA10D-GIG25-K41-050
		32	25	CTA10D-GIG32-K41-025
		40	20	CTA10MP-GIG40-K41-020
		50	10	CTA10MP-GIG50-K41-010
	Color: RAL 9005 	16	100	CTA10D-GIG16-K02-100
		20	100	CTA10D-GIG20-K02-100
		25	50	CTA10D-GIG25-K02-050
		32	25	CTA10D-GIG32-K02-025
L-angle pipe-pipe CRSG 	Purpose: for connecting smooth rigid pipes of the same diameter at an angle of 90°. Color: RAL 7035	16	50	CTA10D-CRSG16-K41-050
		20	50	CTA10D-CRSG20-K41-050
		25	25	CTA10D-CRSG25-K41-025
		32	25	CTA10D-CRSG32-K41-025
		40	15	CTA10D-CRSG40-K41-015
		50	10	CTA10D-CRSG50-K41-010
Opening L-angle pipe-pipe CIG  	Purpose: for connecting smooth rigid pipes of the same diameter at an angle of 90°. Consists of two identical parts connected to each other by latching. Color: RAL 7035	16	50	CTA10D-CIG16-K41-050
		20	50	CTA10D-CIG20-K41-050
		25	50	CTA10D-CIG25-K41-050
		32	25	CTA10D-CIG32-K41-025
	Color: RAL 9005	16	50	CTA10D-CIG16-K02-050
		20	50	CTA10D-CIG20-K02-050
		25	50	CTA10D-CIG25-K02-050
		32	25	CTA10D-CIG32-K02-025
Opening t-connector TIG  	Purpose: for T-connection of three smooth rigid pipes. Consists of two identical parts connected to each other by latching. Color: RAL 7035	16	50	CTA10D-TIG16-K41-050
		20	50	CTA10D-TIG20-K41-050
		25	25	CTA10D-TIG25-K41-025
		32	20	CTA10D-TIG32-K41-020
	Color: RAL 9005	16	50	CTA10D-TIG16-K02-050
		20	50	CTA10D-TIG20-K02-050
		25	25	CTA10D-TIG25-K02-025
		32	20	CTA10D-TIG32-K02-020
Coupling for corrugated pipes, transparent GFLEX 	Purpose: for straight connection of corrugated pipes of the same diameter. There is a limiter in the middle of the coupling on the inside. Color: transparent	16	100	CTA10D-GFLEX16-K08-100
		20	100	CTA10D-GFLEX20-K08-100
		25	50	CTA10D-GFLEX25-K08-050
		32	25	CTA10D-GFLEX32-K08-025
		40	20	CTA10D-GFLEX40-K08-020
		50	20	CTA10D-GFLEX50-K08-020

Accessories for PVC IP 65 pipes

For use in damp and dusty premises; it is possible to use it outdoors, protected from moisture ingress when exposed to a strong water jet.

Name	Description	For a pipe with an external diameter, mm	Quantity in a package, pcs.	Product ID
Pipe-to-pipe coupling IP65 MS 	Purpose: for straight connection of rigid smooth pipes of the same diameter.	16	50	CTA10D-MS16-K41-050
		20	50	CTA10D-MS20-K41-050
	Color: RAL 7035	25	50	CTA10D-MS25-K41-050
		32	25	CTA10D-MS32-K41-025
		40	25	CTA10D-MS40-K41-020
		50	10	CTA10D-MS50-K41-010
Flexible pipe-to-pipe coupling IP65 CXT 	Purpose: for connecting smooth rigid pipes of the same diameter at different angles.	16	50	CTA10D-CXT16-K41-050
		20	50	CTA10D-CXT20-K41-050
	Color: RAL 7035	25	50	CTA10D-CXT25-K41-050
		32	25	CTA10D-CXT32-K41-025
		40	25	CTA10D-CXT40-K41-025
		50	15	CTA10D-CXT50-K41-015
L-angle pipe-pipe IP65 CS 	Purpose: for connecting smooth rigid pipes of the same diameter at an angle of 90°.	16	50	CTA10D-CS16-K41-050
		20	50	CTA10D-CS20-K41-050
	Color: RAL 7035	25	25	CTA10D-CS25-K41-025
		32	25	CTA10D-CS32-K41-025
		40	15	CTA10D-CS40-K41-015
		50	10	CTA10D-CS50-K41-010

Name	Description	For a pipe with an external diameter, mm	For a box with an internal diameter, mm	Quantity in a package, pcs.	Product ID
Pipe-to-box coupling IP65 BS 	Application: connecting the pipe to the box.	16	16–18	50	CTA10D-BS16-K41-050
		20	20–22	50	CTA10D-BS20-K41-050
	Color: RAL 7035	25	25–28	50	CTA10D-BS25-K41-050
		32	32–35	25	CTA10D-BS32-K41-025
		40	40–44	25	CTA10D-BS40-K41-025
		50	50–54	15	CTA10D-BS50-K41-015
Flexible pipe-to-box coupling, IP65 CXS 	Application: connection of a pipe with a box at different angles both in one and in several dimensions.	16	16–18	50	CTA10D-CXS16-K41-050
		20	20–22	50	CTA10D-CXS20-K41-050
	Color: RAL 7035	25	25–28	50	CTA10D-CXS25-K41-050
		32	32–35	25	CTA10D-CXS32-K41-025
		40	40–44	25	CTA10D-CXS40-K41-025
		50	50–54	15	CTA10D-CXS50-K41-015

Corrugated HDPE pipes

Corrugated pipes made of HDPE (high-density polyethylene) of a light type are designed for laying information, power and low-current electrical communications indoors and outdoors during construction or reconstruction.

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Advantages

- High flexibility and plasticity.
- The convenience of pulling the cable is provided by a broach tool.
- Can be used for concreting.
- The material of the pipes is halogen free (HF) and UV resistant.

Specifications

Material	High-density polyethylene
Degree of protection	IP55
Operating temperature range for continuous operation	−40 ÷ +90 °C
Installation temperature	−40 ÷ +90 °C
Storage & Transportation Temperature	−45 ÷ +90 °C
Mechanical strength	125 N per 5 cm at +20 °C 350 N for 5 cm at +20 °C (heavy series)
Insulation resistance	NLT 100 MOhms (500 V during 1 min)

Design features



High strength and moisture protective characteristics make it possible to use these pipes not only for concreting, but also for laying in ground.



Allows for bends up to a minimum radius equal to three diameters of the pipe used.



Wide operating temperature range.

Product range



Name	External diameter, mm	Internal diameter, mm	Quantity in a bundle, m	Product ID
Black corrugated HDPE pipe with a broach tool	16	10.7	100	CTG20-16-K02-100-1
	16	10.7	50	CTG20-16-K02-050-1
	16	10.7	25	CTG20-16-K02-025-1
	16	10.7	10	CTG20-16-K02-010-1
	20	14.1	100	CTG20-20-K02-100-1
	20	14.1	50	CTG20-20-K02-050-1
	20	14.1	25	CTG20-20-K02-025-1
	20	14.1	10	CTG20-20-K02-010-1
	25	18.3	50	CTG20-25-K02-050-1
	25	18.3	25	CTG20-25-K02-025-1
	25	18.3	15	CTG20-25-K02-015-1
	25	18.3	10	CTG20-25-K02-010-1
	32	24.3	25	CTG20-32-K02-025-1
	32	24.3	10	CTG20-32-K02-010-1
	40	31.2	15	CTG20-40-K02-015-1
Orange corrugated HDPE pipe with a broach tool	50	39.6	15	CTG20-50-K02-015-1
	62	50.6	15	CTG20-63-K02-015-1



Orange corrugated HDPE pipe with a broach tool	16	10.7	100	CTG20-16-K04-100
	16	10.7	50	CTG20-16-K04-050
	20	14.1	100	CTG20-20-K04-100
	20	14.1	50	CTG20-20-K04-050
	25	18.3	50	CTG20-25-K04-050
	32	24.3	25	CTG20-32-K04-025
	40	31.2	15	CTG20-40-K04-015
	50	39.6	15	CTG20-50-K04-015



Heavy orange corrugated HDPE pipe with a broach tool	16	10.7	100	CTG21-16-K09-100
	20	14.1	100	CTG21-20-K09-100
	25	18.3	50	CTG21-25-K09-050
	32	24.3	25	CTG21-32-K09-025
	40	31.2	15	CTG21-40-K09-015
	50	39.6	15	CTG21-50-K09-015

Technical smooth HDPE pipes

Designed for use in housing and communal services, power supply, telecommunications and in some cases for water sewerage. Used in construction for concreting, for laying wires in screeds and in masonry, as well as laying underground utilities. Used to isolate and protect power cables, information and signal lines, communication lines from mechanical or chemical damage, aggressive environmental influences.



Product range

	Name	Diameter, mm	Wall thickness, mm	Coil length, m	Product ID
	Smooth rigid HDPE pipe d16	16	2	100	CTR10-016-K02-100-1
	Smooth rigid HDPE pipe d16	16	2	25	CTR10-016-K02-025-1
	Smooth rigid HDPE pipe d20	20	2	100	CTR10-020-K02-100-1
	Smooth rigid HDPE pipe d20	20	2	25	CTR10-020-K02-025-1
	Smooth rigid HDPE pipe d25	25	2	100	CTR10-025-K02-100-1
	Smooth rigid HDPE pipe d25	25	2	25	CTR10-025-K02-025-1
	Smooth rigid HDPE pipe d32	32	2	100	CTR10-032-K02-100-1
	Smooth rigid HDPE pipe d40	40	2.4	100	CTR10-040-K02-100-1
	Smooth rigid HDPE pipe d50	50	3	100	CTR10-050-K02-100-1
	Smooth rigid HDPE pipe d63	63	3.6	100	CTR10-063-K02-100-1

Advantages

- Durability (over 50 years) and high strength.
- IEK® technical smooth HDPE pipe combines the flexibility of a corrugated pipe with the smoothness of a rigid PVC pipe

Specifications

Material	high-density polyethylene
Degree of protection	IP55
Dielectric strength, NLT	2000 V
Insulation resistance, NLT	100 MOhms (500 V for 1 min.)
Color	RAL 9005 (black)
Service life	50 years

Double-walled HDPE pipes

Designed to protect power cables, information and signal lines, as well as communication lines from mechanical damage and aggressive environmental influences. Used in construction for installation underground utilities, in transport infrastructure during road construction, in housing and communal services, in electricity supply, telecommunications, and in some cases – for water sewerage.

Corrugated double-walled HDPE pipes meet the requirements of EN/IEC 61386-1, EN/IEC 61386-24

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Advantages	
• Wide range of diameters – from 40 to 200 mm. • The range of double-walled HDPE pipes includes a diameter of 40 mm, which is rare for most manufacturers. • Length: flexible pipes – 50, 100 and 150 m (packed in coils), rigid – 6 m (supplied in pieces). • Pipes have high impact strength and ring stiffness. • The smooth internal surface of the pipes makes it easy to pull the cable for flexible pipes. • The pipe is supplied with a coupling.	

Specifications	
Material	high-density polyethylene
Resistance to compression N/20 cm	
- flexible pipe	750
- rigid pipe	1250
Resistance to compression	
- flexible pipe	type 450
- rigid pipe	type 750
electric shock protection class	II
Dielectric strength, V, NLT	2000
Insulation resistance, MOhms, NLT	100
Color	RAL 3001 (red)
Service life, years	50

Design features



High strength and moisture protective characteristics make it possible to use these pipes for laying in the ground and concrete.



The design feature of double-walled pipes provides ring rigidity, flexibility, and impact strength.



The flexible pipe is packed into compact coils 50, 100, 150 m long.



Complete set of flexible pipes: pipe, steel broach tool, coupling of the corresponding diameter. Complete set of rigid pipes: pipe, coupling of the corresponding diameter.

Product range

	Length, m	External diameter, mm	Internal diameter, mm	Product ID
	50	40	31.7	CTG12-040-K04-050-R
	100	40	31.7	CTG12-040-K04-100-R
	150	40	31.7	CTG12-040-K04-150-R
	50	50	40.3	CTG12-050-K04-050-R
	100	50	40.3	CTG12-050-K04-100-R
	150	50	40.3	CTG12-050-K04-150-R
	50	63	51.3	CTG12-063-K04-050-R
	100	63	51.3	CTG12-063-K04-100-R
	50	75	61.2	CTG12-075-K04-050-R
	100	75	61.2	CTG12-075-K04-100-R
	50	90	74.5	CTG12-090-K04-050-R
	100	90	74.5	CTG12-090-K04-100-R
	50	110	92.8	CTG12-110-K04-050-R
	100	110	92.8	CTG12-110-K04-100-R
	6	110	89.7	CTG12-110-K04-006-R
	50	160	136.9	CTG12-160-K04-050-R

Accessories for corrugated double-walled pipes

Name	For a pipe with an external diameter of	Product ID
	Couplings	
	40	CTA12D-M040-K02-R
	50	CTA12D-M050-K02-R
	63	CTA12D-M063-K02-R
	75	CTA12D-M075-K02-R
	90	CTA12D-M090-K02-R
	110	CTA12D-M110-K02-R
	Cluster	
	110	CTA12D-K110-K02

Underground dismountable pipes

Designed for mechanical protection of power and telecommunication cables of all types. Pipes are durable, easy to install and repair. Used as an analogue of traditional asbestos-cement pipes.



Advantages

- Durability, ease of installation and ease of repair.
- Strong dismountable connection of a cover and the enclosure.
- Moisture resistance.
- Environmental safety, the possibility of complete recycling.

Specifications

Material	PVC, HDPE
Degree of protection	IP55
Operating temperature range	–40 to +60 °C
Color	RAL 3002 (red) RAL 9005 (black)
Strength	>1250 N
Service life	30 years
Strength	750 N

Design features



Pipes are made of primary material, which provides them with high strength characteristics. Pipes are supplied in two colors: red and black.



Dismountable pipes have a wide range of operating temperatures from -40°C to $+60^{\circ}\text{C}$.

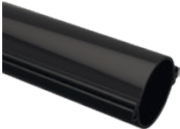


Dismountable pipes are easy to install and durable. Service life is more than 25 years.



Pipes consist of two identical parts. During installation, the cable is laid on the lower part, then the upper part latches into place. When connecting pipes, the upper part overlaps the lower one by about 30 cm.

Product range

	Name	Pipe external diameter, mm	Length, m	Color	Product ID
	Smooth dismountable pipe d=110mm red (3m) IEK	110	3	RAL 3001	CTR30-110-K04-003
	Smooth dismountable pipe d=160mm red (3m) IEK	160	3	RAL 3001	CTR30-160-K04-003
	Smooth dismountable pipe d=110mm black (3m) IEK	110	3	RAL 9005	CTR30-110-K02-003
	Smooth dismountable pipe d=160mm black (3m) IEK	160	3	RAL 9005	CTR30-160-K02-003

Metal hose RZ-SH and RZ-SP and spec. design

Non-hermetic metal hose is used to protect wires, cables, etc. from mechanical damage and to improve fire safety. It is also sometimes used for the transportation of loose coarse substances in industrial installations.

The metal hose in PVC insulation is designed to protect cables, wires, flexible hoses, etc. from chemical and mechanical damage, exposure to moisture and solar radiation.

It can be used for both open and hidden installation indoors and outdoors.

Scope of application:

- air conditioning, heating, ventilation systems;
- hoisting and conveying equipment;
- oil and gas processing industry;
- canals, tunnels, trenches.



Advantages

- Water/dust proof.
- Resistance to harmful effects of the environment.
- Increased tensile strength.
- Sealed installation of the cable line.
- Protection against electric shock.
- The RZ-CP metal hose has a broach tool to ensure ease of installation.

Specifications

Metal hose material:

- RZ-SP, RZ-SPng galvanized steel tape
- RZ-S galvanized steel
- RZ-SH galvanized steel, cotton thread

Material of insulation:	PVC
RZ-SP, RZ-SPng	
Degree of protection:	IP40 for RZ-SH
	IP65 for RZ-SP
Installation Temperature, °C	
RZ-SP, RZ-SPng	from -15 to +50
RZ-S, RZ-SH	from -20 to +50
Operating temperature, °C	
RZ-SP, RZ-SPng	from -50 to +50
RZ-S, RZ-SH	from -60 to +50
Climatic modification	
RZ-SP, RZ-SPng	NF1
RZ-S, RZ-SH	NF3

Design features



It is made in the form of a flexible pipe from a metal galvanized tape.



Due to its design, the metal hose can withstand high tensile loads and strong kinks.



A cotton seal protects the laid wiring from dust.



The packaging of the metal hose is a coil, convenient for installation at the facility.



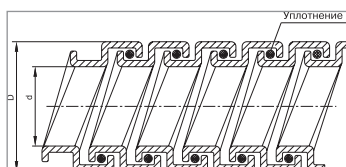
Due to the fact that the metal hose is made of non-combustible material, it can be used when laying wiring on combustible surfaces.



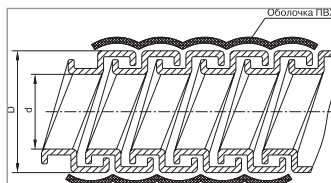
The packaging of the metal hose is convenient to store and transport. The entire surface of the packaging is protected from moisture and dust by a stretch film.

Explanation of designations

Metal hose **RZ SH-10**
R - hose
Z - type: sealed
S - material: galvanized steel tape
H – sealing: cotton wool
10, ... 50 mm – inside diameter



Metal hose **RZ S-10**
R - hose
Z - type: sealed
S - material: galvanized steel tape
P - Seal PVC
10 mm – inside diameter



Product range

	Inside diameter, mm	Largest external diameter, mm	Least internal diameter d, mm	Least radius when bending, mm	Breaking force, kg	Weight of one linear m, kg	Quantity in a coil, m	Broach tool	Product ID
	8	11.6	7.8	45	40	0.07	50		CM10-08-050
	10	13.9	9.1	55	45	0.095	100		CM10-10-100
	10	13.9	9.1	55	45	0.095	20		CM10-10-020
	12	15.9	10.9	75	70	0.115	100		CM10-12-100
	12	15.9	10.9	75	70	0.115	20		CM10-12-020
	15	18.9	14.9	75	80	0.155	100		CM10-15-100
	15	18.9	14.9	75	80	0.155	20		CM10-15-020
	18	21.9	16.9	90	85	0.175	50		CM10-18-050
	18	21.9	16.9	90	85	0.175	15		CM10-18-015
	20	24	18.7	90	100	0.22	50		CM10-20-050
	20	24	18.7	90	100	0.22	15		CM10-20-015
	22	26	20.7	110	100	0.23	50		CM10-22-050
	22	26	20.7	110	100	0.23	15		CM10-22-015
	25	30.8	23.7	110	110	0.24	50		CM10-25-050
	25	30.8	23.7	110	110	0.24	15		CM10-25-015
	32	38	30.4	150	130	0.425	25		CM10-32-025
	38	44	36.4	180	150	0.485	25		CM10-38-025
	50	58.7	46.5	245	250	0.65	15		CM10-50-015
	10	13.9	9.5	55	25	0.088	100	yes	CMP18-010-K00-100
	12	15.9	10.9	75	35	0.114	100	yes	CMP18-012-K00-100
	15	18.9	13.9	80	40	0.131	100	yes	CMP18-015-K00-100
	18	21.9	16.9	90	45	0.15	50	yes	CMP18-018-K00-050
	20	24	18.7	100	50	0.156	50	yes	CMP18-020-K00-050
	22	26	20.7	110	52	0.188	50	yes	CMP18-022-K00-050
	25	30.8	23.7	120	55	0.242	50	yes	CMP18-025-K00-050
	32	38	30.4	150	65	0.46	25	yes	CMP18-032-K00-025
	38	44	36.4	200	72	0.54	25	yes	CMP18-038-K00-025
	50	58.7	48	250	125	0.66	15	yes	CMP18-050-K00-015
	8	11.6	7.8	40	40	0.07	50		CMP10-08-050
	10	15.5	9.1	85	27	0.188	50		CMP10-10-050
	10	15.5	9.1	85	27	0.188	20		CMP10-10-020
	12	17.6	10.9	117	42	0.221	50		CMP10-12-050
	12	17.6	10.9	117	42	0.221	20		CMP10-12-020
	15	20.6	13.9	130	48	0.269	50		CMP10-15-050
	15	20.6	13.9	130	48	0.269	20		CMP10-15-020
	18	23.6	16.9	130	51	0.289	50		CMP10-18-050
	18	23.6	16.9	130	51	0.289	15		CMP10-18-015
	20	25.7	18.7	130	60	0.326	50		CMP10-20-050
	20	25.7	18.7	130	60	0.326	15		CMP10-20-015
	22	27.8	20.7	170	60	0.367	20		CMP10-22-020
	25	32.7	23.7	170	66	0.414	20		CMP10-25-020
	32	40	30.4	325	78	0.656	20		CMP10-32-020
	38	46	36.4	325	90	0.756	20		CMP10-38-020
	50	61.1	46.5	325	150	0.865	20		CMP10-50-020
	10	15.5	9.1	85	27	0.188	50		CMP21-010-K41-050
	12	17.6	10.9	117	42	0.221	50		CMP21-012-K41-050
	15	20.6	13.9	130	48	0.269	50		CMP21-015-K41-050
	18	23.6	16.9	130	51	0.289	50		CMP21-018-K41-050
	20	25.7	18.7	130	60	0.326	50		CMP21-020-K41-050
	22	27.8	20.7	170	60	0.367	20		CMP21-022-K41-020
	25	32.7	23.7	170	66	0.414	20		CMP21-025-K41-020
	32	40	30.4	325	78	0.656	20		CMP21-032-K41-020
	38	46	36.4	325	90	0.756	20		CMP21-038-K41-020
	50	61.1	46.5	325	150	0.865	20		CMP21-050-K41-020

	Inside diameter, mm	Largest external diameter, mm	Least internal diameter d, mm	Least radius when bending, mm	Breaking force, kg	Weight of one linear m, kg	Quantity in a coil, m	Broach tool	Product ID
	10	13.9	9.5	45	40	0.086	50	yes	CMP43-010-K00-050
	12	15.9	10.9	60	50	0.102	50	yes	CMP43-012-K00-050
	15	18.9	13.9	75	60	0.124	50	yes	CMP43-015-K00-050
	18	21.9	16.9	80	70	0.136	50	yes	CMP43-018-K00-050
	20	24	18.7	90	80	0.156	50	yes	CMP43-020-K00-050
	22	26	20.7	100	90	0.176	50	yes	CMP43-022-K00-050
	25	30.8	23.7	110	100	0.184	50	yes	CMP43-025-K00-050
	32	38	30.4	140	120	0.352	25	yes	CMP43-032-K00-025
	38	44	36.4	180	140	0.36	25	yes	CMP43-038-K00-025
	50	58.7	48	240	190	0.533	15	yes	CMP43-050-K00-015
	10	15.9	9.1	65	45	0.12	50	yes	CMP24-010-K02-050
	12	17.9	10.9	90	70	0.14	50	yes	CMP24-012-K02-050
	15	20.9	13.9	100	80	0.17	50	yes	CMP24-015-K02-050
	18	23.9	16.9	100	85	0.2	50	yes	CMP24-018-K02-050
	20	26.2	18.7	100	100	0.22	50	yes	CMP24-020-K02-050
	22	28.2	20.7	130	100	0.25	20	yes	CMP24-022-K02-020
	25	33	23.7	130	110	0.3	20	yes	CMP24-025-K02-020
	32	40.2	30.4	250	130	0.5	20	yes	CMP24-032-K02-020
	38	46.2	36.4	250	150	0.55	20	yes	CMP24-038-K02-020
	50	61	46.5	250	250	0.675	20	yes	CMP24-050-K02-020
	10	15.9	9.1	65	45	0.12	50	yes	CMP27-010-K02-050
	12	17.9	10.9	90	70	0.14	50	yes	CMP27-012-K02-050
	15	20.9	13.9	100	80	0.17	50	yes	CMP27-015-K02-050
	18	23.9	16.9	100	85	0.2	50	yes	CMP27-018-K02-050
	20	26.2	18.7	100	100	0.22	50	yes	CMP27-020-K02-050
	22	28.2	20.7	130	100	0.25	20	yes	CMP27-022-K02-020
	25	33	23.7	130	110	0.3	20	yes	CMP27-025-K02-020
	32	40.2	30.4	250	130	0.5	20	yes	CMP27-032-K02-020
	38	46.2	36.4	250	150	0.55	20	yes	CMP27-038-K02-020
	50	61	46.5	250	250	0.675	20	yes	CMP27-050-K02-020

ELASTA

Accessories for metal hoses

Name	Description	Internal diameter of the bracket, mm	Size of the fastener hole, mm	For fixing a metal hose with nominal bore, mm	Quantity in a package, pcs.	Product ID
One-legged metal clamp IEK 	Purpose: for fastening the metal hose to the surface.	10–11	7×4	6	100	CMAT10-10-100
		12–13	7×4	8	100	CMAT10-12-100
	Material: galvanized steel	14–15	7×4	10	100	CMAT10-14-100
		16–17	7×4	12	100	CMAT10-16-100
		19–20	7×4	15	100	CMAT10-19-100
		21–22	7×4	18	100	CMAT10-21-100
		25–26	7×4	20; 22	100	CMAT10-25-100
		31–32	9×6	25	50	CMAT10-31-100
		38–40	9×6	32	50	CMAT10-38-100
		48–50	9×6	38	50	CMAT10-48-050
Two-legged metal clamp IEK 	Purpose: for reliable fastening of the metal hose to the surface.	10–11	7×4	6	100	CMAT11-10-100
		12–13	7×4	8	100	CMAT11-12-100
	Material: galvanized steel	14–15	7×4	10	100	CMAT11-14-100
		16–17	7×4	12	100	CMAT11-16-100
		19–20	7×4	15	100	CMAT11-19-100
		21–22	7×4	18	100	CMAT11-21-100
		25–26	7×4	20; 22	100	CMAT11-25-100
		31–32	9×6	25	50	CMAT11-31-100
		38–40	9×6	32	50	CMAT11-38-100
		48–50	9×6	38	50	CMAT11-48-050
Two-component metal clamp IEK 	Purpose: for reliable fastening of the metal hose to the surface.	10–11	Ø6	6	100	CMA12-10-100
		12–13	Ø6	8	100	CMA12-12-100
	Material: galvanized steel	14–15	Ø6	10	100	CMA12-14-100
		16–17	Ø6	12	100	CMA12-16-100
		19–20	Ø6	15	100	CMA12-19-100
		21–22	Ø6	18	100	CMA12-21-100
		25–26	Ø6	20; 22	100	CMA12-25-100
		31–32	Ø6	25	100	CMA12-31-100
		38–40	Ø6	32	100	CMA12-38-100
		48–50	Ø6	38	50	CMA12-48-050

Name	Description	Internal diameter, mm	External diameter, mm	Quantity in a package, pcs.	Product ID
Lead-in coupling 	Lead-in coupling MB is required for mounting the metal hose RZ-SH, RZ-SP, RZ-SPng and other versions with sheath.	12	17.6	10	CMP20D-MB-012-010
		15	22.2	10	CMP20D-MB-015-010
		20	28.2	10	CMP20D-MB-020-010
		25	33	10	CMP20D-MB-025-010
		32	42	5	CMP20D-MB-032-005
		38	48	5	CMP20D-MB-038-005
		50	62	5	CMP20D-MB-050-005
Connecting coupling 	Coupling CMM is used for joining two pieces of metal hose RZ-SH, RZ-SP, RZ-SPng.	15	22.2	10	CMP20D-CMM-015-010
		20	28.2	10	CMP20D-CMM-020-010
		25	33	10	CMP20D-CMM-025-010
		32	42	5	CMP20D-CMM-032-005
		38	48	5	CMP20D-CMM-038-005
		50	62	5	CMP20D-CMM-050-005
End terminal 	The cap for the metal hose is used to secure the edges of the metal hose from unraveling, protects the cable from being cut by the metal hose.	15		10	CMP20D-MK-015-010
		20		10	CMP20D-MK-020-010
		25		10	CMP20D-MK-025-010
		32		5	CMP20D-MK-032-005
		38		5	CMP20D-MK-038-005
		50		5	CMP20D-MK-050-005

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