



CATALOGUE

Shielding systems for cables
and wires

New edition
2023

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MARKINGS :

 **UV-resistant**

*On the cover is one of the complex of TPW (The Park Warsaw) buildings in Warsaw, for the construction of which materials of our production were used, among others.

ELEKTROPLAST Sp. z o.o. is a manufacturer of electrical installation equipment, whose history dates back to 1991. In our company there is the possibility of electronic exchange of documents through system solutions from the EDI family. They allow us to accelerate all processes in the supply chain. Our company, besides the central warehouse in Stróża near Myślenice, has two external warehouses in: Jelcz-Laskowice and Sokołów Podlaski and factory warehouses in selected wholesale facilities. We deliver our goods to clients both on our own means of transport and using selected courier companies. Warehouse availability and fast transport allow us to be the leader in logistics within the offered products. Is a family company founded on the initiative of the brothers Roman and Józef Lis. For about thirty years we have been supplying the highest quality products, enjoying a well-established market position. A wide range of investments, consisting in the development of human resources, logistics and technology, resulted in obtaining the ISO 9001:2015 Quality Management System Certificate in 2000. We use original and technologically advanced granules to produce safe, durable and reliable fittings that fulfil their functions. We use modern solutions to ensure that the installation of the electrical system runs smoothly and precisely. The main purpose of the company's activity is the production of electrical installation equipment. Our offer includes e.g. corrugated and straight tubes, boxes, mounting slats, lightning protection and connection fittings. We also implement customized orders. We offer different types of products not related to the industry as well as injection and extrusion services on the entrusted tools



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The company ELEKTROPLAST Sp. z o.o. is a member of the Polish Economic Chamber of Electrotechnics - the largest organisation of its kind in Poland, which incorporates the entities of the electrical industry to exchange experiences and promote development activities, improve safety and quality of production.

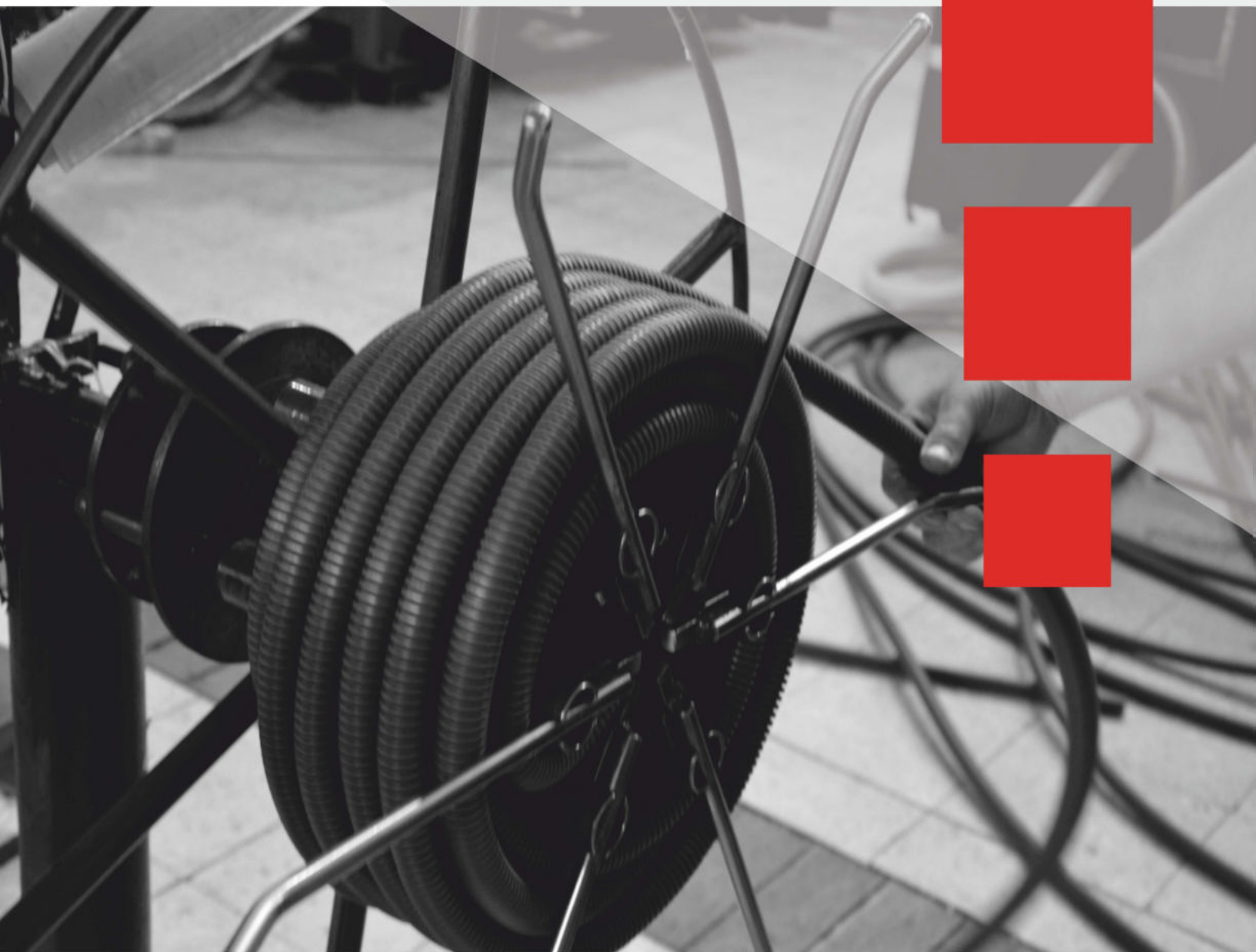
Quality Management Certificate ISO 9001:2015 and the presence in the Polish Economic Chamber of Electrotechnics are part of the Quality Policy, which is a key element of the proper functioning of a modern company







corrugated tubes (protective pipes)



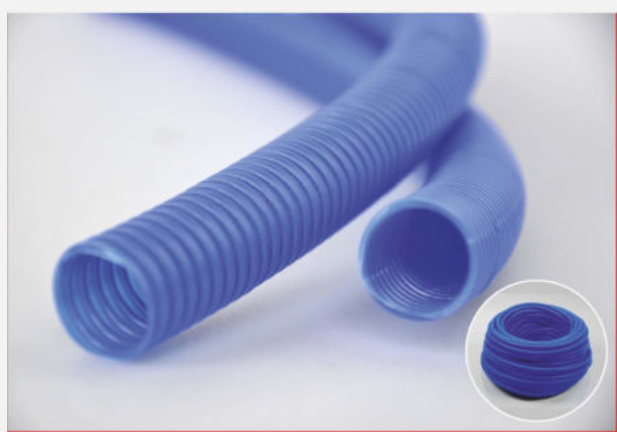
Corrugated pipes manufactured by the company are adapted to cover flush-mounted, surface-mounted, outdoor installation covers, as well as for the areas with a special fire risk. Corrugated pipes, depending on the place of application and customer requirements are produced from different raw materials e.g.:PVC, PVC UV, PP, PA, PC, PC/ABS, LDPE.

PP corrugated tubes

PP corrugated tubes (RKLGF) are intended for the distribution and protection of insulated cables inside buildings. RKLGF tubes may be used outside buildings in flush-mounted installations. They are characterized by high flexibility and lightness. They provide an economical solution for effective cable protection. RKLGF corrugated tubes are made of polypropylene.



compressive strength	< 125N
temperature	from -15°C to +60°C
combustibility	spreading the flame
UV resistance	no
non-halogenicity	no
guide wire	no
colour	transparent



compressive strength	< 125N
temperature	from -15°C to +60°C
combustibility	spreading the flame
UV resistance	no
non-halogenicity	no
guide wire	no
colour	red/blue

PP CORRUGATED TUBES Cat. no. 01.1 -01.28

Inner/outer product dimensions in mm	Length of roll in linear meters
10/7	100 m
12/9	25 m/100 m
14/11	25 m/50 m/100 m
18/13,5	25 m/50 m/100 m
20/15	25 m/50 m/100 m
22/18	25 m/50 m/100 m
25/21	25 m/50 m
28/23	25 m/50 m
32/25	25 m/50 m
34/29	25 m/50 m
43/36	25 m/50 m
46/40	25 m
52/44	25 m
54/46	25 m

PP CORRUGATED TUBES (colour) Cat. no. 02.1 -02.17

10/7	100 m
12/9	100 m
14/11	100 m
18/13	50 m/100 m
20/15	50 m/100 m
22/18	50 m/100 m
25/21	50 m
28/23	50 m
32/25	50 m
34/29	50 m
43/36	50 m
52/44	25 m
54/46	25 m

PP corrugated tubes

PP corrugated tubes (RKLGF)/SG red or blue, designed for distributing and protecting utility pipes in installations. These tubes provide mechanical protection during installation and operation of the system. They also provide an expansion joint to prevent damage to utility pipes due to shrinkage and expansion of the material. Available in any colour on customer's request. The tubes are made of polypropylene.



compressive strength	125N
temperature	from -15°C to +60°C
combustibility	spreading the flame
UV resistance	no
non-halogenicity	no
guide wire	no
colour	red/blue

PP CORRUGATED TUBES (colour)/SG

Cat. no.. 02.BSG - 02.148G

Inner/outer product dimensions in mm	Length of roll in linear meters
22/18	50 m/100 m
25/21	50 m
28/23	50 m
32/25	50 m
34/29	50 m
43/36	50 m

PE corrugated tubes (RKLGF)

CAR PROTECTICE PIPE

PE corrugated tubes (RKLGF) are casing pipes designed to protect insulated electric wires against mechanical damage and moisture. Application - as cable harness protection in vehicles. Pipes available in whole or slit lengthwise. Made of polyethylene.



compressive strength	no data
temperature	from -30°C to +60°C
combustibility	spreading the flame
UV resistance	yes
non-halogenicity	no
guide wire	no
colour	black

PE CORRUGATED TUBES Cat. no 04.1 - 04.16A		
Inner/outer product dimensions in mm		Length of roll in linear meters
10/7	whole/cut	50 m/100 m
12/9	whole/cut	50 m/100 m
14/11	whole/cut	50 m/100 m
18/13,5	whole/cut	50 m/100 m
20/15	whole/cut	50 m/100 m
22/18	whole/cut	50 m/100 m
28/23	whole/cut	50 m
34/29	whole/cut	50 m
43/36	whole/cut	50 m

corrugated PVC tubes (RKLG, RKSG)

Corrugated PVC tubes (RKLG, RKSG) intended for the protection and routing of insulated wires or cables in electrical installations. They are used in places with increased fire risk (attics, lofts) and installations carried out inside buildings. Most common applications: RKLG tubes - in dry construction (walls, suspended ceilings, plasterboards, lofts), RKSG tubes - in wet construction; in formworks and ceilings cast in vibrated concrete. The tubes are manufactured from PVC with the addition of an impact modifier.



compressive strength	320N (RKLK) 750N (RKSG)
temperature	from -25°C to +60°C
combustibility	not spreading the flame
UV resistance	no
non-halogenicity	no
guide wire	yes
colour	dark grey (similar to RAL 7024)

CORRUGATED PVC TUBES 320N/750N Cat. No 05.1.0 - 05.36/320N 05.37.0 - 05.72/750N	
Inner/outer product dimensions in mm	Length of roll in linear meters
13/9	25 m/50 m
16/11	25 m/50 m
18/13,5	25 m/50 m
20/14,5	25 m/50 m
20/16	25 m/50 m
23/18	25 m/50 m
25/19	25 m/50 m
28/23	25 m/50 m
32/25	25 m/50 m
40/33	25 m
50/42	25 m
52/44	25 m
55/46	25 m



corrugated PVC UV tubes (RKLGV, RKSGV)

Corrugated PVC UV tubes (RKLGV, RKSGV) designed for protecting and guiding insulated wires or cables in electrical installations. These tubes are used for installations in places with special degree of fire protection (wooden and other flammable structures) inside and outside of buildings. Application of tubes in the power industry. They are manufactured from PVC with the addition of an impact modifier.

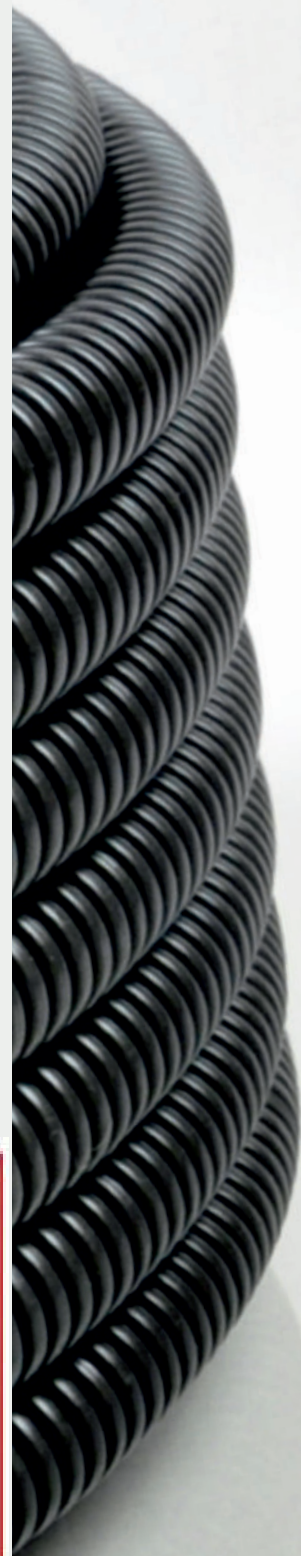


compressive strength	320N (RKLGV) 750N (RKSGV)
temperature	from -25 °C to +60° C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
guide wire	yes
colour	black (similar to RAL 9004)

CORRUGATED PVC UV TUBES 320N/750N

Cat. No 05.100.0 - 05.135/320N 05.152.0 - 05.187/750N

Inner/outer product dimensions in mm	Length of roll in linear meters
13/9	25 m/50 m
16/11	25 m/50 m
18/13,5	25 m/50 m
20/14,5	25 m/50 m
20/16	25 m/50 m
23/18	25 m/50 m
25/19	25 m/50 m
28/23	25 m/50 m
32/25	25 m/50 m
40/33	25 m
50/42	25 m
52/44	25 m
55/46	25 m



corrugated PVC UV tubes

(RKSG/PV, RKCG/PV)

PHOTOVOLTAIC PROTECTICE PIPE

RKSG/PV corrugated flexible pipes made of PVC UV 750N are designed to protect and lead insulated cables or wires in photovoltaic and solar installations. They are used in outdoor installations with increased fire risk (wooden and other flammable structures).



RKSG/PV CORRUGATED FLEXIBLE PIPES MADE OF PVC UV 750N Cat. no 05.200 - 05.216 / 05.220 - 05.236 with a pilot	
Inner/outer product dimensions in mm	Lenght of roll in linear meters
16/11	50 m
18/13,5	50 m
20/14,5	50 m
23/18	50 m
25/19	50 m
28/23	50 m
32/25	50 m
40/33	25 m

compressive strength	750N (RKSG/PV)
temperature	from -25 °C to +60 °C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
guide wire	yes
colour	black



NEW !!
15-YEAR guarantee

RKCG/PV PVC UV heavy type 1250 N corrugated pipes sare protective pipes designed to protect electrical cables and/or wires from mechanical damage, moisture and UV radiation. The most common application is the protection of cable conductors in outdoor installations of photovoltaic and wind farms.

RKCG/PV PVC UV 1250N CORRUGATED PIPES Cat. no. 05.242, 05.244, 05.245, 05.246 05.252, 05.254, 05.255, 05.256 - with a pilot	
Inner/outer product dimensions in mm	Lenght of roll in linear meters
25/19	50 m
32/25	50 m
40/33	25m
50/42	25 m

compressive strength	1250N (RKCG/PV)
temperature	from -25 °C to +60 °C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
guide wire	yes
colour	black

halogen-free corrugated PC/ABS tubes (RKLGHF, RKSGHF)

Corrugated halogen-free PC/ABS tubes (RKLGHF, RKSGHF) designed for protecting and guiding wires or cables in electrical and other installations. These tubes are used for installations in places with special degree of fire protection (public utility buildings) inside buildings. These tubes are made of PC/ABS..



compressive strength	320N (RKLGHF) 750N (RKSGHF)
temperature	from -15°C to +105°C
combustibility	not spreading the flame
UV resistance	no
non-halogenicity	yes
guide wire	yes
colour	white (similar to RAL 9016)

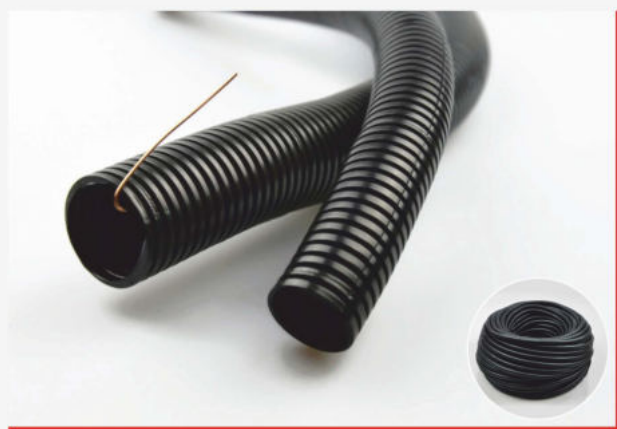
CORRUGATED HALOGEN-FREE PC/ABS TUBES 320N/750N

Cat. no. 03.70 - 03.76A 320N / 03.90 - 03.96A 750N

Inner/outer product dimensions in mm	Length of roll in linear meters
12/9	50 m
14/11	50 m
20/15	50m
22/18	50m
25/19	50m
28/23	50m
34/29	50 m

halogen-free corrugated PA tubes (RKLGHF, RKSGHF)

Halogen-free corrugated tubes of PA (RKLGHF, RKSGHF) designed for protecting and guiding insulated wires or cables in electrical and other installations. These pipes are used for installation in areas with special degree of fire protection (public utility buildings, in installations operated in low and very high temperatures, exposed to strong sun) inside and outside the buildings. The tubes are made of polycarbonate (PA6).



compressive strength	320N (RKLGHF) 750N (RKSGHF)
temperature	from -25°C to +105°C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	yes
guide wire	yes
colour	black (similar to RAL 9017)

HALOGEN-FREE CORRUGATED TUBES OF PA320N/750N

Cat. no. 03.5 - 03.14A 320N / 03.15 - 03.1 EG 750N

Inner/outer product dimensions in mm	Length of roll in linear meters
18/13,5	25m
20/15	25m
22/18	25m
25/21	25m
28/23	25m
32/25	25m
34/29	25m
43/36	25m
52/44	25m

halogen-free corrugated PA tubes (PRKLGHF, PRKSGHF)

MACHINE PROTECTICE PIPE

PRKLG HF/PRKSG HF flexible corrugated tubes of PA6 specially modified, are designed for the protection and safeguarding of wires or cables in static and dynamic rail vehicle applications. They may also be used in wheeled vehicles, machinery, signalling and CCTV. Application: for indoor and outdoor installations.



compressive strength	320N (PRKLG HF) 750N (PRKSG HF)
temperature <small>(for static use)</small>	from -45°C to +120°C
<small>(for dynamic use)</small>	from -50°C to +120°C
<small>Max. instantaneous operating temperature (up to several hours)</small>	≤ +180°C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	yes
guide wire	no
colour	black

CORRUGATED HALOGEN-FREE TUBES OF PA 320N/750N

Cat. no. 04.50 - 04.63 320N / 04.67 - 04.80 750N

Inner/outer product dimensions in mm	Length of roll in linear meters
7/4,5	100 m
10/6,5	100 m
12/8,5	50m
13/9,5	50m
16/11,5	50m
18/13,5	50m
21/16	50m
22/18	50m
25/21	50m
28/23	50m
32/25	50m
34/29	50m
43/36	50m

CORRUGATED HALOGEN-FREE TUBES OF PA320N cut

Cat. no. 04.50R - 04.57R

Inner/outer product dimensions in mm	Length of roll in linear meters
7/4,5	100 m
10/6,5	100 m
12/8,5	100 m
13/9,5	100 m
16/11,5	100 m
18/13,5	100 m
21/16	100 m

halogen-free corrugated PC tubes (RKLGHF, RKSGHF)

Halogen-free corrugated PC tubes (RKLGHF, RKSGHF) designed for protecting and guiding insulated wires or cables in electrical and other installations. These pipes are used for installation in areas with special degree of fire protection (public utility buildings, in installations operated in low and very high temperatures, exposed to strong sun) inside and outside the buildings. The tubes are made of polycarbonate.



compressive strength	320N (RKLGHF) 750N (RKSGHF)
temperature	from -25°C to +120°C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	yes
guide wire	yes
colour	light gray (similar to RAL 7045)

CORRUGATED HALOGEN-FREE PC TUBES 320N/750N

Cat. No 03.20 - 03.26A 320N / 03.40 - 03.46A 750N

Inner/outer product dimensions in mm	Length of roll in linear meters
12/9	50 m
14/11	50 m
20/15	50 m
22/18	50 m
25/19	50 m
28/23	50 m
34/29	50 m



double-layer tubes



Double-layered corrugated tubes to the ground (QRK FLEX) are designed to protect cables laid in the ground in open trenches. Thanks to the corrugated double-layer construction, they have a high compressive strength and meet the requirements for the protective pipes specified in the Regulation of the Minister of Infrastructure dated 26 October 2005.

double-layered tubes



BLUE DOUBLE-LAYER CORRUGATED TUBE IN ROLLS Cat. no 04.23 - 04.29A	
Product size	Length of roll in linear meters
DIAM. 32 mm 450N QRK 32 FLEX	50 m
DIAM. 40 mm 450N QRK 40 FLEX	50 m
DIAM. 50 mm 450N QRK 50 FLEX	25 m & 50 m
DIAM. 75 mm 250N QRK 75 FLEX	25 m & 50 m
DIAM. 110 mm 250N QRK 110 FLEX	25 m & 50 m
DIAM. 160 mm 250N QRK 160 FLEX	25 m

QZK couplings for blue corrugated tubes are universal couplings for connecting both pipes in sections and rolls in standard and waterproof versions.



QZK COUPLING FOR BLUE CORRUGATED TUBES Cat. no 04.31 - 04.36	
Product size	Packaging
DIAM. 32 mm	1 pc.
DIAM. 40 mm	1 pc.
DIAM. 50 mm	1 pc.
DIAM. 75 mm	1 pc.
DIAM. 160 mm	1 pc.

straight rigid tubes RL/RS + fittings



Electrical installation pipes are designed for the protection and routing of insulated wires or cables in installations outside and inside buildings. They are made of self - extinguishing PVC or flame retardant PC/ABS sheet with halogen-free properties. These tubes have different compression strengths. Electrical installation tubes protect cables against mechanical damage.

Rigid tubes RL type 320N / RS 750N are designed to protect and guide insulated wires or cables in electrical installations both inside and outside the building. These tubes are made of hard PVC granules. Optionally rigid single-socket tubes.



compressive strength	320N (RL) or 750N (RS)
temperature	from -25°C to +60°C
combustility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
guide wire	no
length (linear metres)	2 m / 3 m
colour	white/grey/black
muff	yes/optional

RIGID TUBES RL 320N/RS 750N Cat. No 06.1 - 06.22A/06.1RS - 06.23RS				
Inner/outer product dimensions in mm				Packaging
RL	13/11	RS	13/10,5	40 pcs.
	16/14		16/13,5	20 pcs.
	18/16		18/15	20 pcs.
	20/18		20/17	20 pcs.
	22/19,5		22/19	20 pcs.
	25/22,5		25/22	20 pcs.
	28/25,5		28/24,5	20 pcs.
	32/29,5		32/28,5	10 pcs.
	37/34		37/33,5	10 pcs.
	40/37		40/36,5	10 pcs.
	45/42		45/41	10 pcs.
	47/44		47/43	10 pcs.

RIGID TUBES RL 320N Cat. No 06.1(2) - 06.22A(2) - 2 meters		
Inner/outer product dimensions in mm		Packaging
RL	13/11	40 pcs.
	16/14	20 pcs.
	18/16	20 pcs.
	20/18	20 pcs.
	22/19,5	20 pcs.
	25/22,5	20 pcs.
	28/25,5	20 pcs.
	32/29,5	10 pcs.
	37/34	10 pcs.
	47/44	10 pcs.

Single-wall rigid tubes



compressive strength	320N (RL) or 750N (RS)
temperature	from -25° C to +60° C
combustility	not spreading the flame
UV resistance	yes ☀
non-halogenicity	no
guide wire	no
length (linear metres)	2 m / 3 m
colour	white/grey/black
muff	yes/optional

RIGID SINGLE-SOCKET TUBES RL 320N/750N Cat. No 06.33 - 06.47/06.33RS - 06.47RS				
Inner/outer product dimensions in mm				Packaging
RL	16/14	RS	16/13,5	20 pcs.
	18/16		18/15	20 pcs.
	20/18		20/17	20 pcs.
	22/19,5		22/19	20 pcs.
	25/22,5		25/22	20 pcs.
	28/25,5		28/24,5	20 pcs.
	32/29,5		32/28,5	20 pcs.
	37/34		37/33,5	10 pcs.
	47/44		47/43	10 pcs.

RIGID SINGLE-SOCKET TUBES RL 320N Cat. No 06.30(2) - 06.47(2) - 2 meters		
Inner/outer product dimensions in mm		Packaging
RL	13/11	40 pcs.
	16/14	20 pcs.
	18/16	20 pcs.
	20/18	20 pcs.
	22/19,5	20 pcs.
	25/22,5	20 pcs.
	28/25,5	20 pcs.
	32/29,5	10 pcs.
	37/34	10 pcs.
	47/44	10 pcs.

rigid tubes RLHF/RSHF

(halogen-free)

Rigid halogen-free tubes RLHF/RSHF are designed to protect and guide insulated wires or cables in electrical installations inside buildings with a special degree of fire protection (public utility buildings). The tubes are manufactured from halogen-free PC/ABS



compressive strength	320N (RL) or 750N (RS)
temperature	from -15°C to +105°C
combustibility	not spreading the flame
UV resistance	no
non-halogenicity	yes
guide wire	yes
length (linear metres)	3 m
colour	white (similar to RAL 9016) grey (similar to RAL 7035) black (similar to RAL 9004)

Halogen-free rigid pipes RLHF 320N / RSHF 750N white/grey/black

RLHF	cat no. 03.110 - 03.120	RSHF	cat. no. 003.110RS-03.120RS
	cat. no. 03.110S-03.120S		cat. no. 03.110RS/S-03.120RS/S
	cat. no. 03.110C-03.120C		cat. no. 03.110RS/C-03.120RS/C

NEW!

Inner/outer product dimensions in mm	Packaging
13/11	40 pcs.
16/14	20 pcs.
18/16	20 pcs.
20/18	20 pcs.
22/19,5	20 pcs.
25/22,5	20 pcs.
28/25,5	20 pcs.
32/29,5	10 pcs.
37/34	10 pcs.
47/44	10 pcs.

fittings for rigid tubes handles

Rigid tube fittings allow you to configure the shielding system to protect the shielding system to protect the electrical installation according to the selection of colours and technical parameters of the installation made.

UZ/UZ UV closing handles are designed for vertical and horizontal mounting of RL/RS rigid tubes. The advantage of the closing handles is their multiple use when replacing the installation and the possibility of combining them according to the same or different sizes. The handles are manufactured from PP and PP modified with UV stabilizer.



compressive strength	no data
temperature	from -25°C to +60°C
combustibility	spreading the flame
UV resistance	UZ - no / UZ UV - yes ☀️
non-halogenicity	no
colour	white/grey/black

CLOSING HANDLES UZ Cat. No 07.1 - 07.17	
Inner product dimensions in mm	Packaging
13	100 pcs.
16	100 pcs.
18	100 pcs.
20	100 pcs.
22	100 pcs.
25	100 pcs.
28	100 pcs.
32	100 pcs.
37	100 pcs.
40	50 pcs.
47	100 pcs.

CLOSING HANDLES UZ UV ☀️ Cat. No 07.25 - 07.48	
Inner product dimensions in mm	Packaging
13	100 pcs.
16	100 pcs.
18	100 pcs.
20	100 pcs.
22	100 pcs.
25	100 pcs.
28	100 pcs.
32	100 pcs.
37	100 pcs.
47	100 pcs.

UO open mounts designed for fixing electrical wiring tubes, straight and corrugated. Made from PP with flame retardant additive



compressive strength	medium
temperature	from -25°C to +60°C
combustibility	not spreading the flame
UV resistance	no
non-halogenicity	no
colour	white, black

UO OPEN MOUNTS	
White UO cat. no: 07.60.0 - 07.70.0	
Black UO cat. no.: 07.60.1 - 07.70.1	
Inner product dimensions in mm	Packaging
16	100 pcs.
18	100 pcs.
20	100 pcs.
22	100 pcs.
25	100 pcs.
28	100 pcs.
32	100 pcs.
37	100 pcs.
47	100 pcs.
50	100 pcs.

UZHF halogen-free closing handles are designed for vertical and horizontal mounting of RLHF/RSHF tubes. The advantage of the closing handles is their multiple use when replacing the installation. The handles are made of flame-retardant halogen-free PP..



compressive strength	no data
temperature	from -25°C to +BD°C
combustibility	not spreading the flame
UV resistance	no
non-halogenicity	yes
colour	white, grey, black

CLOSING HANDLES UZHF	
UZHF	Cat. no. 03.200 - 03.207
	Cat. no. 03.200S - 03.207S
	Cat. no. 03.200C - 03.207C
Inner product dimensions in mm	Packaging
13	50 pcs.
16	50 pcs.
18	50 pcs.
20	50 pcs.
22	50 pcs.
25	50 pcs.
28	50 pcs.
32	50 pcs.
37	50 pcs.
47	50 pcs.

NEW!

Flush-mounted flexible coupling ZCLF are deigned to connect one or more tubes or to change their direction from 0 to 90 inside buildings not exposed to direct UV radiation. The couplings are made of ethyleneprpylene copolymer..



compressive strenth	no data
temperature	from -15°C to +60°C
combustibility	spreading the flame
UV resistance	no
non-halogenicity	no
colour	white/grey/black

FLUSH-MOUNTED FLEXIBLE COUPLINGS ZCLF Cat. no. 08.1 - 08.17	
Inner product dimensions in mm	Packaging
13	100 pcs.
16	100 pcs.
18	100 pcs.
20	100 pcs.
22	100 pcs.
25	100 pcs.
28	100 pcs.
32	100 pcs.
37	50 pcs.
40	50 pcs.
47	50 pcs.

Złączki giętkie ZCL UV samogasnące odporne na promieniowanie UV. Przeznaczone są do połączenia jednej lub większej liczby rur lub do zmiany ich kierunku pod kątem 0 - 90 wewnątrz oraz na zewnątrz budynków. Produkowane z dodatkiem uniepalnicza i stabilizatora UV.



compressive strenth	no data
temperature	from -30°C to +60°C
combustibility	not spreading the flame
UV resistance	yes. ☀️
non-halogenicity	no
colour	white/grey/black

FLUSH-MOUNTED FLEXIBLE COUPLINGS ZCL UV Cat. no. 08.25 - 08.54	
Inner product dimensions in mm	Packaging
13	50 pcs.
16	50 pcs.
18	50 pcs.
20	50 pcs.
22	50 pcs.
25	50 pcs.
28	50 pcs.
32	50 pcs.
37	50 pcs.
47	50 pcs.

Flexible halogen-free couplings ZCLHF are designed to connect one or more tubes or to change their direction from 0 to 90°. The couplings are made of PC/ABS



ZCLHF of PC/ABS (white)

compressive strength	no data
temperature	from -15 °C to +105 °C
combustibility	not spreading the flame
UV resistance	no
non-halogenicity	yes
colour	white (similar to RAL 9003)



ZCLHF of PP (white, grey, black)

compressive strength	no data
temperature	from -25 °C to +80 °C
combustibility	not spreading the flame
UV resistance	no
non-halogenicity	yes
colour	white (similar to RAL 9003) grey (similar to RAL 7035) black (similar to RAL 9004)

FLEXIBLE COUPLINGS ZCLHF

of PC/ABS cat. no.: 03.140-03.147, of PP cat. no.: 03.140PP/
B-03.147PP/B

of PP cat. no.: 03.140PP/S - 03.147PP/S

of PP cat. no.: 03.140PP/C - 03.147PP/C

Inner product dimensions in mm	Packaging
13	50 pcs.
16	50 pcs.
18	50 pcs.
20	50 pcs.
22	50 pcs.
25	50 pcs.
28	50 pcs.
32	50 pcs.
37	50 pcs.
47	50 pcs.

Rigid couplings ZPS are designed to connect one or more RL/RS rigid pipes in a straight line. The couplings are manufactured from hard PVC granulate resistant to UV radiation



RIGID COUPLINGS ZPS Cat. no. 010.1-010.15	
Inner product dimensions in mm	Packaging
16	10 pcs.
18	10 pcs.
20	10 pcs.
22	10 pcs.
25	10 pcs.
28	10 pcs.
32	10 pcs.
37	10 pcs.
47	10 pcs.

compressive strength	750N
temperature	from -25°C to +60°C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
colour	white/grey/black

Halogen-free rigid couplings ZPSHF are designed to connect one or more RLHF/RSHF rigid pipes in a straight line. The couplings are made of PC/ABS.



ZPSHF RIGID COUPLINGS of PC/ABS (white)	
compressive strength	750N
temperature	from -15°C to +105°C
combustibility	not spreading the flame
UV resistance	no
non-halogenicity	yes
colour	white (similar to RAL 9003)

ZPSHF RIGID COUPLINGS Of PC/ABS cat. no.: 03.160-03.166, of PP: 03.160PP/ B-03.166PP/B of PP cat. no. 03.160PP/S - 03.166PP/S of PP cat. no.: 03.160PP/C - 03.166PP/C	
Inner product dimensions in mm	Packaging
16	10pcs.
18	10pcs.
20	10pcs.
22	10pcs.
25	10pcs.
28	10pcs.
32	10pcs.
37	10pcs.
47	10pcs.

ZPSHF RIGID COUPLINGS of PP (white, grey, black)	
compressive strength	750N
temperature	from -25°C to +80°C
combustibility	not spreading the flame
UV resistance	no
non-halogenicity	yes
colour	white (similar to RAL 9003) grey (similar to RAL 7035) black (similar to RAL 9004)



elbows

Single/double socket ZK rigid elbows are designed to connect one or more RL/RS installation tubes at an angle of 90°. The elbows are manufactured from hard PVC granulate resistant to UV radiation.



compressive strength	750N
temperature	from -25°C to +60°C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
colour	single socket - white/grey double socket - white/grey/black

SINGLE/DOUBLE SOCKET RIGID ELBOWS ZK Cat. No 09.50 - 09.69/09.1 - 09.21	
Inner product dimensions in mm	Packaging
16	10 pcs.
18	10 pcs.
20	10 pcs.
22	10 pcs.
25	10 pcs.
28	10 pcs.
32	10 pcs.
37	10 pcs.
40	10 pcs.
45	10 pcs.
47	10 pcs.

Double-socket rigid injection elbows ZK are designed to connect one or more rigid pipes RL/RS at an angle 90°. The elbows are manufactured from hard PVC granulate resistant to UV radiation. ☀️



DOUBLE-SOCKET INJECTION ELBOWS ZK Cat. No 09.30 - 09.44	
Inner product dimensions in mm	Packaging
16	10 pcs.
18	10 pcs.
20	10 pcs.
22	10 pcs.
25	10 pcs.
28	10 pcs.
32	10 pcs.
37	10 pcs.
47	10 pcs.

Return elbows (180°) designed to connect RL/RS type pipes at an angle of 180° and to introduce cables into boxes in such a way as to protect the current against precipitation entering the installations.



RETURN ELBOWS 180° Cat. No 09.80 - 09.83/09.86 - 09.89	
Inner product dimensions in mm	Packaging
28 white/black	10 pcs.
32 white/black	10 pcs.
37 white/black	10 pcs.
47 white/black	10 pcs.

Halogen-free ZKHF injection elbows are designed to connect one or more RLHF/RSHF rigid tubes at an angle of 90°. The elbows are made of PC/ABS



ZKHF RIGID HALOGEN-FREE of PC/ABS (white)	
compressive strength	70N
temperature	from -15°C to +105°C
combustibility	not spreading the flame
UV resistance	no
non-halogeneity	yes
colour	white

ZKHF RIGID HALOGEN-FREE ELBOWS

of PC/ABS cat. no.: 03.179 - 03.184, of PP 03.179PP/B-03.184PP/B
cat. no. 03.179PP/S - 03.184PP/S
cat. no.: 03.179PP/C - 03.184PP/C

Inner product dimensions in mm	Packaging
16	10 pcs.
18	10 pcs.
20	10 pcs.
22	10 pcs.
25	10 pcs.
28	10 pcs.
32	10 pcs.
37	10 pcs.
47	10 pcs.

ZKHF RIGID HALOGEN-FREE of PP (white, grey, black)

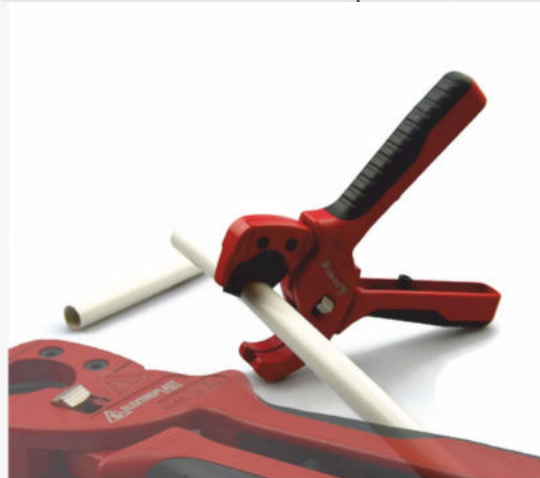
compressive strength	70N
temperature	from -25°C to +80°C
combustibility	not spreading the flame
UV resistance	no
non-halogeneity	yes
colour	white (similar to RAL 9003) grey (similar to RAL 7035) black (similar to RAL 9004)



Shears for cutting RL/RS tubes, PVC tubes and thin-walled plastic tubes. Equipped with a manual locking system, ergonomic (non slip) handle, optimal blade geometry with PTEF coating and rotary system, axle made of bearing steel and needle roller bearings. The maximum operating range is 28 mm and the jaws are automatically opened after completion of the work.

SHEARS FOR CUTTING PVC TUBES
Cat. No 021.20

Inner product dimensions in mm	Packaging
maximum operating range 28 mm	1 pc.



mounting slats + fittings



The CTS and CTS HF mounting slats (opening slats) are designed to protect wires or cables and other electrical equipment. They are applied in electrical and telecommunication installations conducted on walls. The slats are perforated for quick and convenient installation. The slats are made of UV-resistant PVC and PC/ABS blends.

CTS mounting slats

CTS (opening) mounting slats manufactured in white as a standard. The slats are manufactured from PVC resistant to UV radiation.

On customer's request channels from (Cat. No 011.1 - 011.7) are available in grey. Colour similar to RAL 7024 (individual pricing).



temperature	from -25°C to +60°C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
length (linear metres)	2 m (3 m to order)
colour	white (similar RAL 9016)



Ducts in grey similar to RAL 7024

CTS OPENING MOUNTING SLATS Cat. No 011.1 - 011.23 / 011.60 - 011.76 (*grey)	
Product dimensions width x height (mm)	Packaging
16 x 10* gray on request	40 pcs.
17 x 15* gray on request	40 pcs.
20 x 11* gray on request	40 pcs.
20 x 18* gray on request	40 pcs.
25 x 15* gray on request	30 pcs.
32 x 10	30 pcs.
32 x 15* gray on request	30 pcs.
32 x 30* gray on request	28 pcs.
40 x 25* gray on request	24 pcs.
40 x 40* gray on request	20 pcs.
50 x 18* gray on request	30 pcs.
50 x 18:2* gray on request	30 pcs.
60 x 40* gray on request	15 pcs.
60 x 60* gray on request	12 pcs.
90 x 40* gray on request	10 pcs.
90 x 60* gray on request	8 pcs.
90 x 60 DS-45	8 pcs.
130 x 60* gray on request	4 pcs.
130 x 60 DS-45 with a partition	4 pcs.
150 x 60* gray on request	4 pcs.
150 x 60 with a partition	6 pcs.
190 x 60 with a partition	6 pcs.
230 x 60 with a partition	5 pcs.

Wood-like CTS mounting slats (opening) produced on customer's request. The slats are made of PVC in the version of light wood/dark wood with a wood texture.



LIGHT/DARK WOOD-LIKE MOUNTING SLATS Cat. No 011.27 - 011.37/011.38 - 011.47	
Product dimensions width x height (mm)	Packaging
16 x 10	40 pcs.
17 x 15	40 pcs.
20 x 11	40 pcs.
20 x 18	40 pcs.
25 x 15	30 pcs.
32 x 15	30 pcs.
32 x 30	28 pcs.
40 x 25	24 pcs.
50 x 18:2	30 pcs.
60 x 40	15 pcs.

temperature	from -25°C to +60°C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
length (linear metres)	2 m
colour	wood-like (light, dark)

CTS HF opening halogen-free mounting slats manufactured in white as a standard. Slats made of PC/ABS.



HALOGEN-FREE CTS HF MOUNTING SLATS Cat. No 011.48 - 011.53	
Product dimensions width x height (mm)	Packaging
16 x 10	40 pcs.
17 x 15	40 pcs.
20 x 11	40 pcs.
20 x 18	40 pcs.
25 x 15	30 pcs.
32 x 15	30 pcs.

temperature	from -15°C to +105°C
combustibility	not spreading the flame
UV resistance	no
non-halogenicity	yes
length (linear metres)	2 m (3 m to order)
colour	white (similar to RAL 9003)

slat fittings

Electrical installation fittings for CTS slats are a set of elements of different structures designed to connect them at right angles. Our offer includes: brackets, slat ends, angle joints, straight joints, internal and external corners.



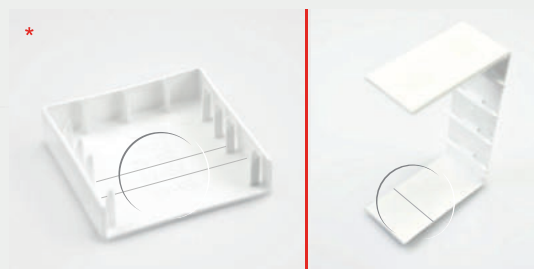
CLAMP Cat. No 012.1 - 012.3A	
Product dimensions in mm	Packaging
40	1 pc.
60	1 pc.
90	1 pc.
150	1 pc.

SLAT ENDS Cat. No 012.4A - 012.11C	
Product dimensions in mm	Packaging
17/15	10 pcs.
20/11	10 pcs.
20/18	10 pcs.
25/15	10 pcs.
32/15	10 pcs.
32/30	4 pcs.
40/25 <small>*size adjustment by cutting</small>	4 pcs.
40/40	4 pcs.
50/18	10 pcs.
60/40 <small>*size adjustment by cutting</small>	4 pcs.
60/60	4 pcs.
90/40 <small>*size adjustment by cutting</small>	4 pcs.
90/60	4 pcs.
130/60	4 pcs.
150/60	5 pcs.
190/60	5 pcs.
230/60	5 pcs.

ANGLE JOINTS Cat. No 012.12 - 012.22C	
Product dimensions in mm	Packaging
17/15	10 pcs.
20/11	10 pcs.
25/15	4 pcs.
32/10	20 pcs.
32/15	10 pcs.
40/25	4 pcs.
40/40	4 pcs.
50/18	4 pcs.
60/40	4 pcs.
60/60	2 pcs.
90/40	4 pcs.
90/60	2 pcs.
130/60	2 pcs.
150/60	5 pcs.
190/60	5 pcs.
230/60	5 pcs.

Internal and external CORNERS Cat. No 012.28 - 012.38C/012.39 - 012.52	
Product dimensions in mm	Packaging
17/15	10 pcs.
20/11	10 pcs.
20/18	4 pcs.
25/15	4 pcs.
32/15	10 pcs.
40/25	4 pcs.
40/40	4 pcs.
50/18	4 pcs.
60/40	4 pcs.
60/60	2 pcs.
90/40	4 pcs.
90/60	4 pcs.
130/60	2 pcs.
150/60	5 pcs.
190/60	5 pcs.
230/60	5 pcs.

STRAIGHT JOINTS Cat. No 012.23 - 012.27A	
Product dimensions in mm	Packaging
60/40* <small>*size adjustment by cutting</small>	4 pcs.
60/60	4 pcs.
90/40* <small>*size adjustment by cutting</small>	4 pcs.
90/60	4 pcs.
130/60	4 pcs.
150/60	4 pcs.



Separation compartment for CTS slats, used as an accessory to divide the cable compartment into two or three parts.



SEPARATION COMPARTMENT Cat. No 011.26	
Product dimensions in mm	Packaging
for slat 60x60, 90x60, 130x60	8 pcs.



installation boxes



Electro installation boxes - installation accessories for electrical connections of electrical wires or assembly of fittings (electrical outlets, connectors, telecommunication sockets). Boxes can be divided into different groups, according to their purpose and technology. In terms of purpose, we distinguish between connecting boxes (splitters) and boxes for installation of accessories. In terms of assembly technology, we distinguish between surface and flush-mounted boxes.

flush-mounted boxes



013.1 PK Box 60 flush-mounted, without screws
013.2 PK Box 60 flush-mounted, with screws

protection degree IP	00
type of plastic	PP
ext. depth/int. depth	42,5/41
Ø ext./ Ø int. (mm)	62,5/60
packaging	35 pcs.



013.3 Box PO 70 flush-mounted, junction
013.4 Box PO 80 flush-mounted, junction

protection degree IP	30	
type of plastic	PP	
ext. depth/int. depth	48,5/47,5	49/47,5
Ø ext./ Ø int. (mm)	70/66	80,5/77
packaging	60 pcs.	40 pcs.



013.5 Universal box cover PO 70, PO 80

protection degree IP	30
type of plastic	ABS
cover thickness (mm)	0,77
Ø of the cover (mm)	90
packaging	40 pcs.



013.6 Box PKA 60 flush-mounted for connect, without screws
013.7 Box PK 60 flush-mounted for connect, with screws

protection degree IP	00
type of plastic	PP
ext. depth/int. depth	44/43
Ø ext./ Ø int. (mm)	65/60,5
packaging	80 pcs.



013.8 Box PKA 60 flush-mounted for connect, without screws
013.9 Box PKA 60 flush-mounted inner, for connect, with screws

protection degree IP	00	
type of plastic	PP	
ext. depth/int. depth	64/63	42,5/42,5
Ø ext./ Ø int. (mm)	65/60,5	
packaging	80 pcs.	



013.57 - 013.64 Flush-mounted boxes

mechanical resistance IK	07
type of plastic	PS (polystyrene)
length x width x depth (mm) <small>internal dimensions</small>	92x92x45 120x100x50 152x100x70 160x130x70 196x152x70 294x152x70 392x152x70 480x160x70
packaging	1 pc.

surface-type boxes



013.10 Box 85x85 tap. wall-mounted, with clamps
013.11 Box 85x85 tap. wall-mounted, without clamps

protection degree IP	44
type of plastic	PP
internal depth (mm)	28,6
length x width x height (mm)	80x80x40 <small>external dimensions</small>
packaging	40 pcs.



013.10A Box 85x85 tap. wall-mounted with clamp grey
013.10 BBox 85x85 tap. wall-mounted with clamp black
013.11 A Box 85x85 tap. wall-mounted without clamps grey
013.11B Box 85x85 tap. wall-mounted without clamps black

protection degree IP	44
type of plastic	PP
internal depth (mm)	28,6
length x width x height (mm)	80x80x40 <small>external dimensions</small>
packaging	40 pcs.



013.20 Installation Box POI-28/HOLLOW/
013.21 Junction Box POI-37
013.22 Junction Box POI-47

protection degree IP	20
type of plastic	PP
length x width x depth (mm)	150x150x56 <small>internal dimensions</small> 153x153x59 <small>external dimensions</small>
diam. of holes for the RL (mm)	28/37/47
packaging	14 pcs. 10 pcs. 10 pcs.



013.23 Surface-mounted box 5x2,5mm² IP-20

protection degree IP	20
type of plastic	PP
length x width x depth (mm)	85x74x13 <small>internal dimensions</small> 89x79x25 <small>external dimensions</small>
diam. of choke hole (mm)	—
packaging	20 pcs.



013.24 Hermetic tap-off P-0 hollow
013.25 Hermetic tap-off P-1 ring

protection degree IP	41
type of plastic	PP
length x width x depth (mm)	73x73x28 <small>internal dimensions</small> 80x80x34 <small>external dimensions</small>
diam. of choke hole (mm)	13,5
packaging	100 pcs.



013.26 Hermetic tap-off P-2 hollow
013.27 Hermetic tap-off P-2 with a coupling

protection degree IP	42
type of plastic	PP
length x width x depth (mm)	67x67x30 <small>internal dimensions</small> 86x86x35 <small>external dimensions</small>
diam. of choke hole (mm)	13,5
packaging	100 pcs.



013.28 4-way junction box 5x2,5mm² without insert
013.29 4-way junction box 5x2,5mm² with insert

protection degree IP	55	
type of plastic	PP	
length x width x depth (mm)	89x89x41 <small>internal dimensions</small>	92x92x50 <small>external dimensions</small>
diam. of choke hole (mm)	—	
packaging	20 pcs.	



013.30 6-way junction box 5x4mm² with insert
013.31 6-way junction box 5x4mm² without insert

protection degree IP	55	
type of plastic	PP	
length x width x depth (mm)	95x95x49 <small>internal dimensions</small>	108x108x58 <small>external dimensions</small>
diam. of choke hole (mm)	—	
packaging	8 pcs.	



013.32 6-way junction box 5x2,5mm² with insert
013.33 6-way junction box 5x2,5mm² without insert

protection degree IP	55	
type of plastic	PP	
length x width x depth (mm)	78x78x32 <small>internal dimensions</small>	86x86x39 <small>external dimensions</small>
diam. of choke hole (mm)	—	
packaging	20 pcs.	



013.34 Surface type box PK-2

protection degree IP	20	
type of plastic	PP	
length x width x depth (mm)	85x85x46 <small>internal dimensions</small>	101x101x59 <small>external dimensions</small>
diam. of choke hole (mm)	16	
packaging	6 pcs.	



013.35 Surface type box PK-3

protection degree IP	55	
type of plastic	PP	
length x width x depth (mm)	125x125x21 <small>internal dimensions</small>	135x135x58 <small>external dimensions</small>
diam. of choke hole (mm)	—	
packaging	9 pcs.	



013.37 Surface type box PK-4

protection degree IP	55	
type of plastic	PP	
length x width x depth (mm)	125x125x42 <small>internal dimensions</small>	133x133x64 <small>external dimensions</small>
diam. of choke hole (mm)	29 mm PG 21	
packaging	12 pcs.	



013.38 Surface type box PK-5

protection degree IP	55
type of plastic	PP
length x width x depth (mm)	125x125x42 <small>internal dimensions</small> 133x133x83 <small>external dimensions</small>
diam. of choke hole (mm)	29 mm PG 21
packaging	12 pcs.



**013.41 Hermetic box 4 chokes, 90x90 mm
013.42 Hermetic box 4 chokes, 128x128 mm**

protection degree IP	67
type of plastic	PA
length x width x depth (mm)	75x75x33 97x97x47 <small>internal dimensions</small>
diam. of choke hole (mm)	PG 16 PG 21
packaging	50 pcs. 20 pcs.



013.45 Installation box 80x80x40

protection degree IP	44
type of plastic	PS (polystyrene)
length x width x depth (mm)	80x80x40 85x85x42 <small>internal dimensions</small> <small>external dimensions</small>
hole spacing for chokes (mm)	80
diam. of choke hole (mm)	20 mm, PG 13,5
packaging	10 pcs.



013.46-013.51 Boxes w/chokes

protection degree IP	65
type of plastic	PS/ABS
length x width x depth (mm)	100x100x50 190x140x70 <small>internal dimensions</small> 120x80x50 240x190x90 150x110x70 300x220x120
diam. of choke hole (mm)	28mm, PG 21 37mm, PG 29
packaging	6 pcs./1 pc.



013.52-013.56 Boxes w out/chokes

protection degree IP	65
type of plastic	PS/ABS
length x width x depth (mm)	100x100x50/120x80x50 150x110x70/190x140x70 240x190x90 <small>internal dimensions</small>
diam. of choke hole (mm)	—
packaging	6 pcs./1 pc.

boxes for hollow gypsum-cardboard walls



013.12 Box PK 60 for plasterboard walls connecting plate

protection degree IP	30
type of plastic	PP
ext. depth/int. depth	46/45
Ø ext./ Ø int. (mm)	65,5/56
packaging	50 pcs.



**013.13 Box PK 60 GIPS 2X
013.14 Box PK 60 GIPS 3X
013.15 Box PK 60 GIPS 4X**

protection degree IP	30
type of plastic	PP
Ø ext./int. depth (mm)	2x68/46 3x68/44 4x68/46
spacing of holes for fixing (mm)	60
packaging	16 pcs.



013.16 Box PK 60 for plasterboard walls deep for connecting

protection degree IP	30
type of plastic	PP
ext. depth/ int. depth	60/59
Ø ext./ Ø int. (mm)	66/56
packaging	50 pcs.



013.17 60 GIPS shallow/deep box connector

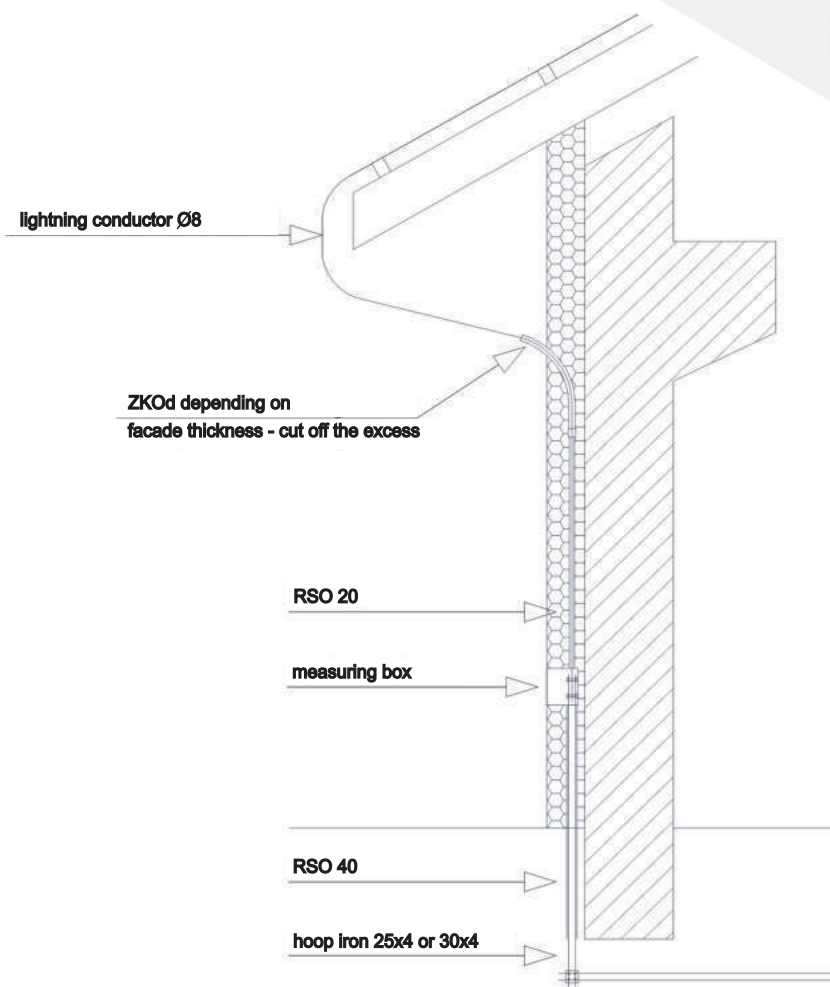
protection degree IP	—
type of plastic	PP
length x width x height (mm)	31x23x14
wheelbase between cans	Ø 71 mm
packaging	50 pcs.



**013.18 Box PK 70 GIPS
013.19 Box PK 80 GIPS**

protection degree IP	30
type of plastic	PP
ext. diam/int. diam (mm)	Ø 73/46 Ø 83/49
spacing of holes for fixing (mm)	—
packaging	50 pcs.

connection and lightning protection system



Connection system is designed for protecting and guiding insulated wires or cables in external electrical installations.

The lightning protection system is designed to insulate the external LPS discharge lines. External LPS insulation should be taken into account when thermal and explosive effects in lightning conductors may cause damage to the facility or its contents. Typical application in buildings with flammable roofing, flammable walls (facade) and areas at risk of explosion or fire.

RCV, RSV connection tubes

RCV, RSV connection (casing) tubes are designed for protection and routing of insulated wires or cables. These tubes are mainly used in the energy sector. They are made of PVC.



compressive strength	1250N (RCV) 750N (RSV)
temperature	from -45°C to +60°C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
length (linear metres)	3 m
colour	black

BLACK CONNECTION TUBES RCV Cat. No 06.60 -06.65	
Inner/outer product dimensions in mm	Packaging
32/25	10 pcs.
50/40	5 pcs.
63/51	5 pcs.
75/61	5 pcs.
110/100	1 pc.
110/100 with a socket	1 pc.

BLACK CONNECTION TUBES RSV Cat. No 06.66 -06.71	
Inner/outer product dimensions in mm	Packaging
32/26	10 pcs.
50/43	5 pcs.
63/55	5 pcs.
75/66	5 pcs.
110/104	1 pc.
110/104 with a socket	1 pc.



RSV connection pipe with socket

Rigid connection couplings ZPS are designed to connect one or more RCV/RSV rigid tubes in a straight line. The couplings are made of PVC.



RIGID CONNECTION COUPLINGS ZPS Cat. No 06.72 - 06.75	
Product dimensions in mm	Packaging
32	1 pc.
50	1 pc.
63	1 pc.
75	1 pc.

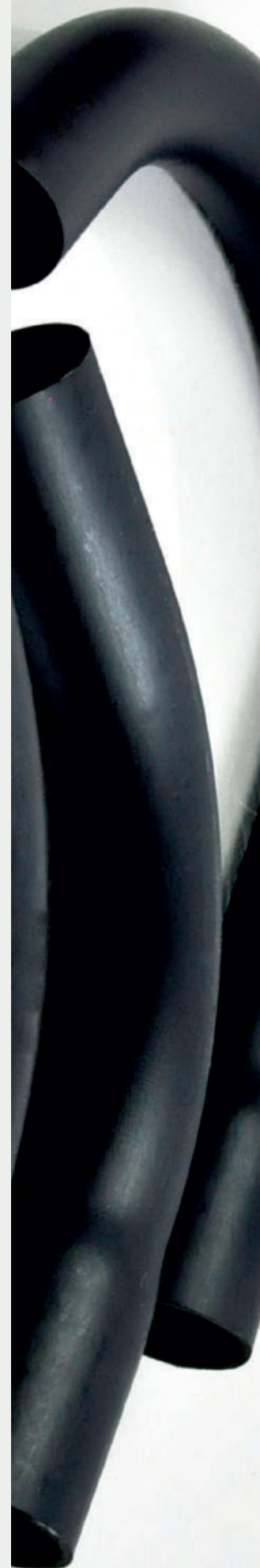
compressive strength	1250N
temperature	from -45°C to +60°C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
colour	black

Rigid connection elbows ZK single/double-socket are designed to connect one or more rigid connecting pipes RCV/RSV at an angle of 90°.



ZK CONNECTION ELBOWS single/double socket Cat. No 06.78 - 06.81/06.83 - 06.86	
Product dimensions in mm	Packaging
32	1 pc.
50	1 pc.
63	1 pc.
75	1 pc.

compressive strength	1250N
temperature	from -45°C to +60°C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
colour	black



Rigid connection elbows ZKz (180°) are designed for the introduction of cables from overhead lines to measuring and distributing boxes when making electrical connections. The elbows are manufactured from hard PVC granulate.



Zkz CONNECTION ELBOWS return 180° single socket Cat. No 06.89 - 06.92	
Product dimensions in mm	Packaging
32	1 pc.
50	1 pc.
63	1 pc.
75	1 pc.

compressive strength	1250N
temperature	from -45°C to +60°C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
colour	black



RSO lightning protection tubes

Rigid RSO tubes are designed to insulate wires in lightning protection systems with external LPS (lightning protection). The tubes are made of PVC.



compressive strength	1250N
temperature	from -45°C to +60°C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogency	no
length (linear meters)	3 m
colour	grey

RIGID LIGHTNING PROTECTION TUBES RSO

Cat. No 06.52 -06.53

Inner/outer product dimensions in mm	Packaging
20/14	20 pcs.
40/34	5 pcs.

Rigid lightning protection couplings ZPSO are designed to connect one more RSO pipes in a straight line, designed to isolate the LPS (Lightning Protection System). The couplings are made of PVC.



RIGID LIGHTNING PROT. COUPLINGS ZPSO
Cat. No 06.54 -06.55

Inner/outer product dimensions in mm	Packaging
26/20	10 pcs.
46/40	5 pcs.

compressive strength	1250N
temperature	from -45°C to +60°C
not spreading the flame	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
colour	grey

Rigid lightning protection elbows ZKO (90°) are designed to isolate the discharge conduit (aluminium) at the exit of the conduit from the combustion zone or its insulation.

Rigid lightning protection elbows (30°) are designed to isolate the release conduit (steel, copper) at the exit of combustible cover and in objects with combustible walls and areas in danger of explosion or fire.



ZKO lightning elbow (bend angle: 90°)

compressive strength	1250N
temperature	from -45 C° to +60° C
combustibility	not spreading the flame
UV resistance	yes ☀️
non-halogenicity	no
colour	grey

RIGID single-socket ELBOWS ZKO
Cat. No 06.56 - 06.59

Inner/outer product dimensions in mm	Packaging
26/20	10 pcs.
46/40	5 pcs.
long ZKOd 26/20	10 pcs.
long ZKOd 46/40	5 pcs.



ZKO lightning elbow (bend angle: 30°)



RIGID single socket ELBOWS ZKO Cat. No 06.56A - 06.57A	
Inner/outer product dimensions in mm	Packaging
26/20	10 pcs.
46/40	5 pcs.

compressive strength	1250N
temperature	from -45°C to +60°C
combustibility	not spreading the flame
UV resistance	yes
non-halogenicity	no
colour	grey



ZKO single and double socket, ZKOd lightning protection system

Lightning protection tube clamp



LIGHTNING PROTECTION TUBE CLAMP Cat. No 06.59A - 06.59B	
Product dimensions in mm	Packaging
20 L-80	1 pc.
40 L-80	1 pc.

Handle for lightning protection tube UDR



HANDLE FOR LIGHTNING PROTECTION UDR Cat. No 06.59C - 06.59D	
Product dimensions in mm	Packaging
20	1 pc.
40	1 pc.





power accessories



Power accessories for connecting electrical and low voltage devices. Resistant to the effects of mechanical stresses and thermal changes. Used in construction, electric fitting, machinery and other industries.

Power plugs



POWER PLUG IP 44 Cat. No 018.1/018.2/018.4	
Product size	Packaging
IVN 1643, power plug 16A, 4p	10 pcs.
IVN 1653, power plug 16A, 5p	10 pcs.
IVAN 3253, power plug 32A, 5p	10 pcs.

Power sockets



FIXED POWER SOCKET IP 44 Cat. No 018.11/018.12/018.14	
Product size	Packaging
IZN 1643, power socket 16A, 4p	9 pcs.
IZN 1653, power socket 16A, 5p	9 pcs.
IZN 3253, power socket 32A, 5p	6 pcs.



lighting fittings



Lighting fittings for the distribution, filtering or converting of light sources of one or more light sources. They include all the elements necessary for its fastening, protection and connection.

lighting fittings



LUMINAIRE OVAL Cat. No 017.5	
Product size	Packaging
Luminaire OVAL 7040B 60W/GRAY/BAK/METAL COVER/IP 54	12 pcs.



LUMINAIRE OVAL LARGE 7063NB Cat. No 017.7	
Product size	Packaging
Luminaire OVAL LARGE 7063NB 100W/GRAY/BAK./METAL COVER/IP 54	12 pcs.



LUMINAIRE OBLIQUE 7041S Cat. No 017.10	
Product size	Packaging
Luminaire OBLIQUE 7041S 60W/GRAY/BAKELITE/IP 54 cover (transparent, white, yellow, red)	12 pcs.

switchgears



Switchgears are designed for indoor use. They have a box-shaped enclosure adapted for sealing. According to the standards in force, the switchgears should be placed on the flame-retardant alls by suitably qualified persons.

surface-mounted switchgears

RNO switchgears in the lateral parts of the housing there are ribs for easy insertion of wires or installation pipes.

RNT, RNT0 switchgears are equipped with descriptive labels. They also have N+PE terminal blocks. The mounting bracket in the switchgear is a TH 35/7,5 (Eurosmart) bracket, which allows mounting of overcurrent protection, differential current and other electrical devices.



Product size	Type/modules in row	Term. block (N+PE)	Pack.
SURFACE-MOUNTED SWITCHGEARS RNO			
Cat. No 014.1 - 014.3			
RNO 5S	5S (1x5)	—	20 pcs.
RNO 3S	3S (1x3)	—	20 pcs.
RNO 2S	2S (1x2)	—	20 pcs.
SURFACE-MOUNTED SWITCHGE. RNT with a slot			
Cat. No 014.4 - 014.6			
RNT 6S (N+PE)	6S (1x6)	yes	1 pc.
RNT 4S (N+PE)	4S (1x4)	yes	1 pc.
RNT 2S (N+PE)	2S (1x2)	yes	1 pc.
SURFACE-MOUNTED SWITCHGE. RNT without a slot			
Cat. No 014.7 - 014.9			
RNO 6S	6S (1x6)	—	1 pc.
RNO 4S	4S (1x4)	—	1 pc.
RNO 2S	2S (1x2)	—	1 pc.
SURFACE-MOUNTED SWITCHGEARS RN WAVE			
Cat. No 014.10 - 014.15			
RN-8 WAVE (N+PE)	8 (1x8)	yes	1 pc.
RN-12 WAVE (N+PE)	12 (1x12)	yes	1 pc.
RN-16 WAVE (N+PE)	16 (1x16)	yes	1 pc.
RN-18 WAVE (N+PE)	18 (1x18)	yes	1 pc.
RN-24 WAVE (N+PE)	24 (2x12)	yes	1 pc.
RN-36 WAVE (N+PE)	36 (3x12/2x18)	yes	1 pc.
SURFACE-MOUNTED SWITCHGEARS SRn			
Cat. No 014.27 - 014.31			
SRn-6 (N+PE)	6 (1x6)	yes	1 pc.
SRn-8 (N+PE)	8 (1x8)	yes	1 pc.
SRn-12 (N+PE)	12 (1x12)	yes	1 pc.
SRn-18 (N+PE)	18 (1x18)	yes	1 pc.
SRn-24 (N+PE)	24 (2x12)	yes	1 pc.

flush-mounted switchgears

RP WAVE, SRp switchgears in the lateral parts of the housing there are ribs for easy insertion of wires or installation pipes. They have a box-shaped enclosure adapted for sealing. These switchgears are equipped with descriptive labels. They also have N+PE terminal blocks. The mounting bracket in the switchgear is a TH 35/7,5 (Eurosmart) bracket, which allows mounting of overcurrent protection, differential current and other electrical devices.



Product size	Type/modules in row	Term. block (N+PE)	Pack.
FLUSH-MOUNTED SWITCHGEARS RP WAVE			
Cat. No 014.16 - 014.21			
RP-8 WAVE (N+PE)	8S (1x8)	yes	1 pc.
RP-12 WAVE (N+PE)	12S (1x12)	yes	1 pc.
RP-16 WAVE (N+PE)	16S (1x16)	yes	1 pc.
RP-18 WAVE (N+PE)	18S (1x18)	yes	1 pc.
RP-24 WAVE (N+PE)	24S (2x12)	yes	1 pc.
RP-36 WAVE (N+PE)	36S (3x12/2x18)	yes	1 pc.
FLUSH-MOUNTED SWITCHGEARS SRp			
Cat. No 014.22 - 014.26			
SRp-6 (N+PE)	6 (1x6)	yes	1 pc.
SRp-8 (N+PE)	8 (1x8)	yes	1 pc.
SRp-12 (N+PE)	12 (1x12)	yes	1 pc.
SRp-18 (N+PE)	18 (1x18)	yes	1 pc.
SRp-24 (N+PE)	24 (2x12)	yes	1 pc.



other assortment



Production of our products is based on innovative technological solutions. This is why we offer a wide range of high quality products that meet current standards and requirements. Apart from electrical installation equipment, our customers will also find the remaining assortment, including such products as clamping strips, quick-mounting brackets, 12-way terminal strips, marking foils and advertising boards.



MARKING FOIL Cat. No 015.20 - 015.22	
Product name	Packaging
Blue foil	100 m
Yellow foil	100 m
White-red foil	100 m



CLAMPING BELTS Cat. No 015.12 - 015.16	
Product dimensions in mm	Packaging
UP-22 white	100 pcs.
UP-22 black	100 pcs.
UP-30 white	100 pcs.
UP-30 black	100 pcs.
UP-50 white	10 pcs.



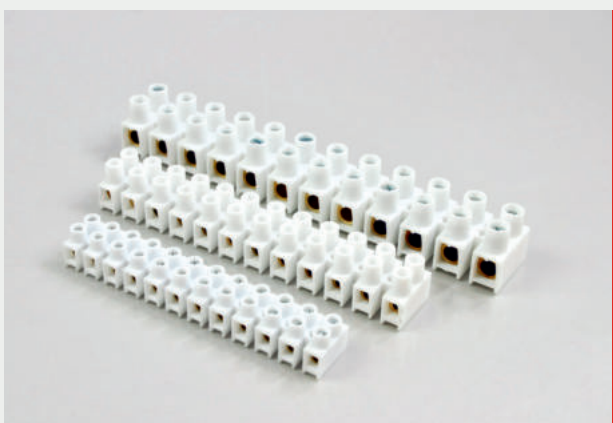
QUICK ASSEMBLY HANDLES USMO/UMPO Cat. No 020.1 - 020.8	
Product dimensions in mm	Packaging
USMO-6/8/10	100 pcs.
USMO-12/14/16/18/20	50 pcs.
QUICK ASSEMBLY HANDLES USMh Cat. No 020.9 - 020.10	
USMh-10	100 pcs.
USMh -16	100 pcs.
QUICK ASSEMBLY HANDLES USMP/UMPP Cat. No 020.13 - 020.17	
USMP-2/3/4/5	100 pcs.
USMO-3 BIS	100 pcs.



TAKER CLIPS Cat. No 015.7	
Product dimensions in mm	Packaging
43 mm	50 pcs.



Single/double FLOOR HOOKS Cat. No 015.1 - 015.6	
Product dimensions in mm	Packaging
L-48 mm	100 pcs.
L-77 mm	100 pcs.
L-100 mm	100 pcs.



12-Track clamp slats Cat. No 018.33 - 018.37	
Product dimensions in mm	Packaging
6336-10/K3 clamp slat 1,5x12	35 pcs.
6336-20/K3 clamp slat 2,5x12	35 pcs.
6336-30/K3 clamp slat 4x12	30 pcs.
6336-50/K3 clamp slat 6x12	40 pcs.
6336-60/K3 clamp slat 10x12	40 pcs.



In addition to the main warehouse in Stróża near Myślenice, our company has two external warehouses in the towns of: Jelcz-Laskowice and Sokołów Podlaski as well as factory warehouses in selected wholesalers. We serve customers from all over the country. Our representatives move around the designated regions of Poland (map)



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