

PRODUCT CARD No. 0025/003/16

Product name: ZK elbows

Manufacturer: ELEKTROPLAST
SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ 32-431 STRÓŻA 1015
Symbol (PKWiU 2015): 22.21.29.0

Intended use of product: ZK double-branch rigid elbows are intended for the connection of one or more elements of the RL, RS rigid installation pipe system at an angle of 90° ZK single-branch elbows are intended for the beginning and ending of the RL, RS (90°) rigid installation pipe system.

***Technical properties:**

- **Manufactured in accordance with LVD Directive 2014/35/EU, Directive 2011/65/EU**
- Colour: white, grey RAL - similar to 7024, black on request
- Material: Polyvinyl chloride, rigid PVC
- Mechanical resistance to impact: medium
- Resistance to compression: average 750 N
- **Temperature range for continuous operation: (-25°C to + 60°C)**

***Design: rigid elbows - option: single or double branch**

***Fire resistance properties:**

- **No propagating flames**

***Product properties:**

- Low relative elongation
- Good resistance to ageing and weathering
- **UV resistant**

***Chemical resistance:** at room temperature resistant to alcohols, petrol, oils, acids, (sodium and calcium chlorides also at 60°C).

Ø	Catalogue No. Double branch			Tolerance of the inner Ø of the coupler in mm according to the standard: EL -PL 004/4/2015	Number of pcs. /pack.
	White	Grey	Black		
16	09.1	09.2	09.2A	16 ^(-0,2)	10
18	09.3	09.4	09.4A	18 ^(-0,2)	10
20	09.5	09.6	09.6A	20 ^(-0,2)	10
22	09.7	09.8	09.7A	22 ^(-0,2)	10
25	09.8A	09.8B	09.8C	25 ^(-0,2)	10
28	09.9	09.10	09.10A	28 ^(-0,3)	10
32	09.11	09.12	09.12A	32 ^(-0,3)	10
37	09.13	09.14	09.14A	37 ^(-0,3)	10
40	09.15	09.16	-----	40 ^(-0,3)	10
45	09.17	09.18	-----	45 ^(-0,4)	10
47	09.19	09.20	09.21	47 ^(-0,4)	10

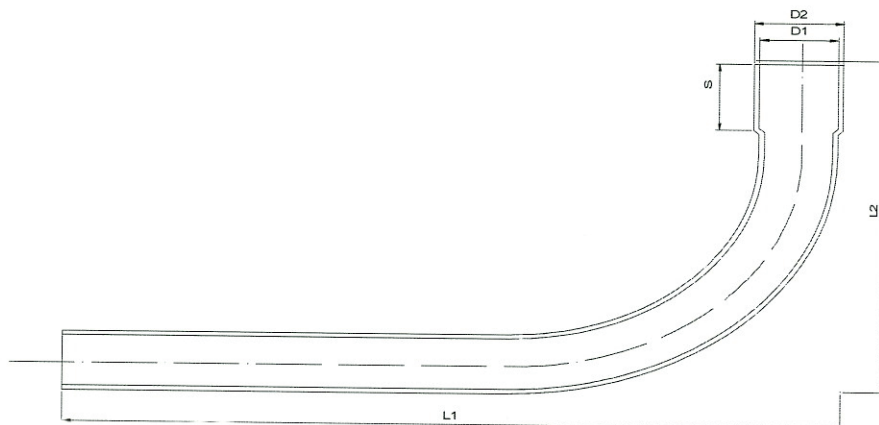
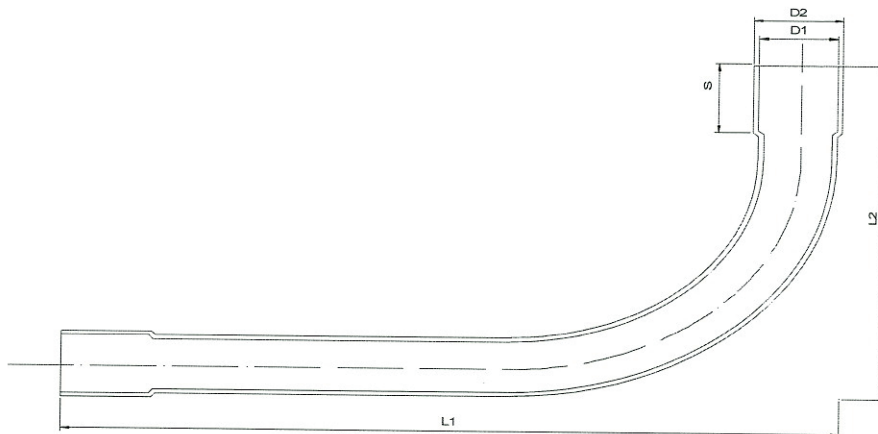


ELEKTROPLAST
STRÓŻA



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Ø	Catalogue No. ZK single flange		Tolerance of the inner Ø of the coupler in mm according to the standard: EL -PL 004/4/2015	Number of pcs. /pack.
	White	Grey		
16	09.50	09.51	16 ^(-0,2)	10
18	09.52	09.53	18 ^(-0,2)	10
20	09.54	09.55	20 ^(-0,2)	10
22	09.56	09.57	22 ^(-0,2)	10
25	09.57A	09.57B	25 ^(-0,2)	10
28	09.58	09.59	28 ^(-0,3)	10
32	09.60	09.61	32 ^(-0,3)	10
37	09.62	09.63	37 ^(-0,3)	10
40	09.64	09.65	40 ^(-0,3)	10
45	09.66	09.67	45 ^(-0,4)	10
47	09.68	09.69	47 ^(-0,4)	10



Kapitał zakładowy: 5.726.000.00 zł NIP: 681-18-27-742 REGON: 350141778 KRS: 0000118321
Sąd Rejonowy dla Krakowa - Śródmieścia w Krakowie XII Wydział Gospodarczy KRS

Table 5.
PVC ZK for RL and RS hot-formed (dimensions in mm)

Lp.	ZK	„d” tol. 0 ^(+0,3)	„D” tol.	„d1” tol. 0 ^(-0,2+0,3) „D1” tol. 0 ^(-0,2+0,3)	L tol. ^{±5}	L ₁ tol. ^{±10}	L ₂ tol. ^{±10}	S tol. ^{±3}
1.	13 (1 socket)	10,5	13 ^(-0,2)	13/15,2	260	200	110	23
2.	13 (2 sockets)	10,5	13 ^(-0,2)	13/15,2	260	200	110	23
3.	16 (1 socket)	13,5	16 ^(-0,2)	16,1/17,8	260	190	120	32
4.	16 (2 sockets)	13,5	16 ^(-0,2)	16,1/17,8	260	190	120	32
5.	18 (1 socket)	15	18 ^(-0,2)	17,9/20,3	260	190	120	35
6.	18 (2 sockets)	15	18 ^(-0,2)	17,9/20,3	260	190	120	35
7.	20 (1 socket)	17	20 ^(-0,2)	20/22,5	260	190	125	35
8.	20 (2 sockets)	17	20 ^(-0,2)	20/22,5	260	190	125	35
9.	22 (1 socket)	19	22 ^(-0,2)	22/24,6	260	190	140	35
10.	22 (2 sockets)	19	22 ^(-0,2)	22/24,6	260	190	140	35
11.	25 (1 socket)	22	25 ^(-0,2)	24,9/27,9	290	220	140	35
12.	25 (2 sockets)	22	25 ^(-0,2)	24,9/27,9	290	220	140	35
13.	28 (1 socket)	24,5	28 ^(-0,3)	27,9/31,1	290	210	145	38
14.	28 (2 sockets)	24,5	28 ^(-0,3)	27,9/31,1	290	210	145	38
15.	32 (1 socket)	28,5	32 ^(-0,3)	31,9/35	300	240	140	38
16.	32 (2 sockets)	28,5	32 ^(-0,3)	31,9/35	300	240	140	38
17.	37 (1 socket)	33,5	37 ^(-0,3)	36,9/40,3	300	220	160	38
18.	37 (2 sockets)	33,5	37 ^(-0,3)	36,9/40,3	300	220	160	38
19.	40 (1 socket)	36,5	40 ^(-0,3)	40/43	330	265	170	38
20.	40 (2 sockets)	36,5	40 ^(-0,3)	40/43	330	265	170	38
21.	45 (1 socket)	41	45 ^(-0,4)	45/47,9	360	260	200	45
22.	45 (2 sockets)	41	45 ^(-0,4)	45/47,9	360	260	200	45
23.	47 (1 socket)	43	47 ^(-0,4)	46,9/51	360	260	200	45
24.	47 (2 sockets)	43	47 ^(-0,4)	46,9/51	360	260	200	45

This above information is based on current state of technical knowledge and refers to the product manufactured by the manufacturer: Elektroplast Spółka z ograniczoną odpowiedzialnością (limited liability company).

If the product is used to achieve other goals than those stated by the producer, the responsibility for safety, time and the quality of exploitation of the products lies with the end user. **Product card prepared by: Stanisław Klakla Production Director**

ELEKTROPLAST
Spółka z ograniczoną odpowiedzialnością
DYREKTOR PRODUKCJI

Stanisław Klakla