

PRODUCT DATA SHEET No 0030/004/22

Product name: ZKHF PC/ABS, ZKHF PP rigid elbows

**Manufacturer: ELEKTROPLAST SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ
32-431 STRÓŻA 1015**

Symbol (PKWiU [Polish Classification of Products and Services] 2015): 22.21.29.0

Intended use: ZKHF PC/ABS, ZKHF PP (halogen free) two-pipe, injection-moulded rigid elbows are intended to connect one or more elements of the RLHF, RSHF rigid installation pipe system at an angle of 90°.

***Technical features:**

- **Manufactured in accordance with LVD Directive 2014/35/EU, Directive 2011/65/EU**
- **Material: PC/ABS clip cover**
- **Colour: RAL 9010 white**
- **Material: PP modified, flame retardant and halogen-free**
- **Colour: RAL 9010 white, RAL 9004 black, RAL 7035 grey**
- **Continuous operating temperature range: PC/ABS rigid elbow ZKHF (-15° C to +105° C)**
- **Continuous operating temperature range: Rigid elbow ZKHFz PP (-25° C to +80° C)**

***Design: rigid elbows**

***Product properties:**

- **No resistance to UV radiation**

***Fire properties:**

- **Halogen and cadmium free - yes**
- **Flame-retardant**
- **Flammability class to UL94 (V2)**

***Chemical resistance:** at room temperature resistant to sodium nitrate, sodium carbonate, linseed oil, formic and phosphoric acid, (sodium and calcium chlorides also at 60° C).

ZKHF with PC/ABS - white RAL 9010

Ø	Catalogue no.	Inner coupler Ø tolerance in mm as per standard: EL -PL 004/4/2015	Number of pcs. / pack.
16	03.179	16 ^(-0,2)	10
18	03.180	18 ^(-0,2)	10
20	03.180A	20 ^(-0,2)	10
22	03.181	22 ^(-0,2)	10
25	03.181A	25 ^(-0,2)	10
28	03.182	28 ^(-0,3)	10
32	03.182A	32 ^(-0,3)	10
37	03.183	37 ^(-0,3)	10
47	03.184	47 ^(-0,4)	10

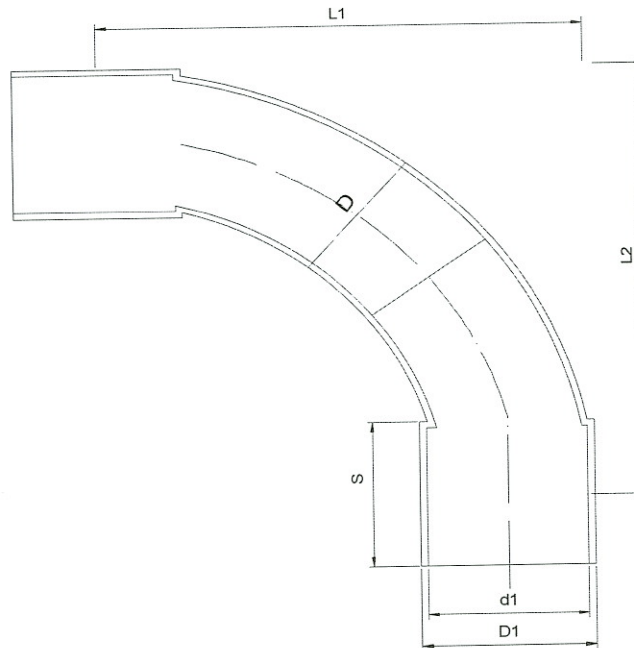
Ø	Catalogue no. ZKHF in PP white RAL 9010	Inner coupler Ø tolerance in mm as per standard: EL -PL 004/4/2015	Number of pcs. / pack.
16	03.179PP/B	16 ^(-0,2)	10
18	03.180PP/B	18 ^(-0,2)	10
20	03.180PP/B	20 ^(-0,2)	10
22	03.181PP/B	22 ^(-0,2)	10
25	03.181APP/B	25 ^(-0,2)	10
28	03.182PP/B	28 ^(-0,3)	10
32	03.182APP/B	32 ^(-0,3)	10
37	03.183PP/B	37 ^(-0,3)	10
47	03.184PP/B	47 ^(-0,4)	10

Ø	Catalogue no. ZKHF in PP black RAL 7024	Inner coupler Ø tolerance in mm as per standard: EL -PL 004/4/2015	Number of pcs. / pack.
16	03.179PP/C	16 ^(-0,2)	10
18	03.180PP/C	18 ^(-0,2)	10
20	03.180PP/C	20 ^(-0,2)	10
22	03.181PP/C	22 ^(-0,2)	10
25	03.181APP/C	25 ^(-0,2)	10
28	03.182PP/C	28 ^(-0,3)	10
32	03.182APP/C	32 ^(-0,3)	10
37	03.183PP/C	37 ^(-0,3)	10
47	03.184PP/C	47 ^(-0,4)	10

Ø	Catalogue no. ZKHF in PP grey RAL 7035	Inner coupler Ø tolerance in mm as per standard: EL -PL 004/4/2015	Number of pcs. / pack.
16	03.179PP/S	16 ^(-0,2)	10
18	03.180PP/S	18 ^(-0,2)	10
20	03.180PP/S	20 ^(-0,2)	10
22	03.181PP/S	22 ^(-0,2)	10
25	03.181APP/S	25 ^(-0,2)	10
28	03.182PP/S	28 ^(-0,3)	10
32	03.182APP/S	32 ^(-0,3)	10
37	03.183PP/S	37 ^(-0,3)	10
47	03.184PP/S	47 ^(-0,4)	10

Table 6.
ZKHF with PC/ABS and ZKHF with PP for injection-moulded RLHF and RSHF (dimensions in mm)

No	2-branch elbow	"d" tol. 0±0,1	"D" tol. 0±0,1	"d1" tol. 0 ^(-0,3/-0,4)	"D1" tol. 0 ^(+0,3)	L ₁ = L ₂ tol. 0±0,06	S _{tol.} 0±0,07
1.	16	13,2	15,2	16,1	17,4	40	17,5
2.	18	15,6	17,1	18,1	19,6	65	18,7
3.	20	17,1	19,8	20,1	23	77	24,2
4.	22	19,2	21,1	22,1	24	58,4	22,9
5.	25	20,8	22,8	25,2	28	82,3	25
6.	28	25,1	28,3	28,1	31,1	100	27,8
7.	32	27,4	29,5	32,2	35,2	130	32,1
8.	37	32,3	35,5	37,1	40,4	98,25	38,5
9.	47	41	45	47,1	51	124,8	49



The above information is based on the current state of knowledge and applies to the product as manufactured by the manufacturer: Elektroplast Spółka z ograniczoną odpowiedzialnością.

In the case of use of the product for purposes other than those stated by the manufacturer, responsibility for the safety, duration and quality of use of the products falls on the user.

Klakla - Manufacturing Director

The product data sheet was prepared by: Stanisław Spółka z ograniczoną odpowiedzialnością
 DYREKTOR PRODUKCJI

Stanisław Klakla