

ELESA original design EPR-PF



**Metric table**

Dimensions in: millimeters - inches

b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	h <sub>1</sub>	h <sub>2</sub>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	F <sub>1</sub>	F <sub>2</sub>
90 3.54	76 2.99	79 3.11	50 1.97	28 1.10	19 .75	17 .67	17.5 .69	1800 N 405 lbf	500 N 112 lbf
110 4.33	91 3.58	96 3.78	73 2.87	42 1.65	24 .94	20 .79	21.5 .85	1300 N 292 lbf	400 N 89.92 lbf
120 4.72	94 3.70	103 4.06	95 3.74	58 2.28	28.5 1.12	24 .94	26.5 1.04	1000 N 225 lbf	250 N 56.20 lbf

**Specification**

- Plastic  
Technopolymer (Polyamide PA)  
- Glass fiber reinforced  
- Temperature resistant up to 176 °F (80 °C)
- Color (matte finish):  
Black-gray, RAL 7021  SG  
White, RAL 9002, Cleanline  CL
- RoHS compliant

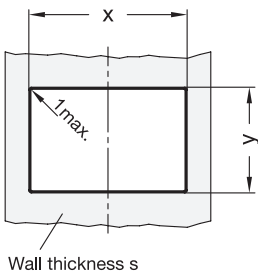
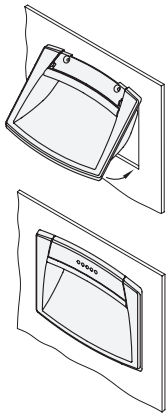
**Information**

The design of EN 731 gripping trays matches the Ergostyle® product range.  
There are no mounting screws required. The values of the load capacities F<sub>1</sub> and F<sub>2</sub> were tested with a material wall thickness s = 1.5 mm.  
*see also...*  
• Product Range Ergostyle®  
• Product Range Cleanline  
• Ergostyle® Gripping Trays EN 733 (Technopolymer Plastic, Screw-In Type)  
• Gripping Trays EN 731.1 (Technopolymer Plastic, Clip-In Type)

**On request**

- Self-extinguishing plastic (SV)
- Various metric size fasteners and kit packaging

<p>How to order</p> <p><b>EN 731-120-SG</b></p>	1 Tray width b <sub>1</sub>
	2 Color



**Mounting information**

- 1) Drill the handle housing according to the template dimensions reported in the table.
- 2) Remove all drill hole burrs before assembling the handle.
- 3) Fit the upper part of the handle into the housing.
- 4) Press down on the lower part until the handle snaps in and is completely inserted.

<b>s</b>	<b>x +0.2</b>	<b>y ±0.1</b>	<b>x ±0.2</b>	<b>y ±0.1</b>	<b>x +0.2</b>	<b>y ±0.1</b>
Wall thickness	for $b_1 = 90$		for $b_1 = 110$		for $b_1 = 120$	
0.7 ... 0.8	85	34.9	100	49.7	107.5	70.5
.02 ... .03	3.35	1.37	3.94	1.96	4.23	2.78
> 0.8 ... 1.2	85	35.1	100	50	107.5	70.8
.03 ... .05	3.35	1.38	3.94	1.97	4.23	2.79
> 1.2 ... 1.5	85	36.1	100	50.4	107.5	71.2
.05 ... .06	3.35	1.42	3.94	1.98	4.23	2.80
> 1.5 ... 2	85	36.1	100	50.7	107.5	71.5
.06 ... .08	3.35	1.42	3.94	1.99	4.23	2.81
> 2 ... 2.2	85	36.1	100	50.7	107.5	71.5
.08 ... .09	3.35	1.42	3.94	1.99	4.23	2.81