

ELESA original design EPR-PF



IF product design award

Metric table



Dimensions in: millimeters - inches

b ₁	b ₂	b ₃	h ₁	h ₂	l ₁	l ₂	l ₃	F ₁	F ₂
90 3.54	76 2.99	79 3.11	50 1.97	28 1.10	19 0.75	17 0.67	17.5 0.69	1800 N 405 lbf	500 N 112 lbf
110 4.33	91 3.58	96 3.78	73 2.87	42 1.65	24 0.94	20 0.79	21.5 0.85	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 0.94	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 WS
- RoHS compliant

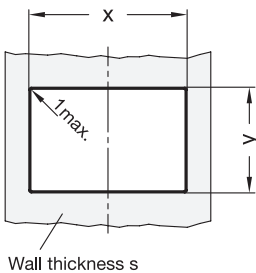
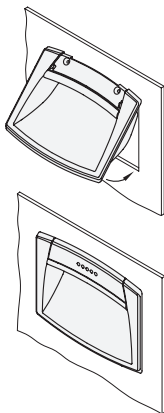
Information

The design of EN 731 gripping trays matches the Ergostyle® product range.
There are no mounting screws required. The values of the load capacities F₁ and F₂ were tested with a material wall thickness s = 1.5 mm.
see also...
• Product Range Ergostyle®
• 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>EN 731-120-SG</p>	1	Tray width b ₁
	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.

s	x +0.2	y ±0.1	x ±0.2	y ±0.1	x +0.2	y ±0.1
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
0.02 ... 0.03	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
0.03 ... 0.05	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
0.05 ... 0.06	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
0.06 ... 0.08	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
0.08 ... 0.09	3.35	1.42	3.94	1.99	4.23	2.81

