

TECHNICAL DATASHEET: EM-18A

Series

25mm Modular SEG Picture Frame System

1. Product Overview

The **EM-18A** is a high-precision, 25mm plastic SEG (Silicone Edge Graphics) framing system. Engineered for tool-free assembly, it serves as a lightweight, cost-effective alternative to traditional heavy frames in retail and exhibition environments.

2. Physical Specifications

Profile Width: 25mm.

Material: Specialized High-Density Plastic Composite.

Assembly System: Tool-free "Plug & Play" corner connectors.

Graphic Compatibility: Dye-sublimation fabric with 12x3mm silicone gaskets.

Color Finish: Standard Black/Industrial finish (Custom colors available upon request).

3. Modular Size & Weight Matrix (Sample Range)

This system utilizes 20 standard modular lengths to create 57 unique size combinations.

No	Frame Size/mm	Visible Size/mm	Graphic Size/mm	Packing Size/cm	Frame Unit Weight/kg	Gross Weight (10pcs, frame only) /kg
1	EM-18A(610*762)	610*762	634*786	79.8*44*13	1.76	18.6
2	EM-18A(610*800)	610*800	634*824	83.6*44*13	1.77	18.9
3	EM-18A(610*850)	610*850	634*874	88.6*44*13	1.83	19.7
4	EM-18A(610*914)	610*914	634*938	95*44*13	1.91	20.7
5	EM-18A(610*1219)	610*1219	634*1243	126*44*13	2.28	24.6
6	EM-18A(610*1524)	610*1524	634*1548	156*44*13	2.64	28.4
7	EM-18A(762*800)	762*800	786*824	83.6*44*13	1.96	20.78
8	EM-18A(762*850)	762*850	786*874	88.6*44*13	2	21.4
9	EM-18A(762*914)	762*914	786*938	95*44*13	2.1	22.6
10	EM-18A(762*1219)	762*1219	786*1243	126*44*13	2.47	26.47
11	EM-18A(762*1524)	762*1524	786*1548	156*44*13	2.84	30.4
12	EM-18A(800*850)	800*850	824*874	88.6*44*13	2.06	22.05
13	EM-18A(800*914)	800*914	824*938	95*44*13	2.14	23.03
14	EM-18A(800*1219)	800*1219	824*1243	126*44*13	2.51	26.93
15	EM-18A(800*1524)	800*1524	824*1548	156*44*13	2.88	30.84
16	EM-18A(850*914)	850*914	874*938	95*44*13	2.2	23.63
17	EM-18A(850*1219)	850*1219	874*1243	126*44*13	2.57	27.54
18	EM-18A(850*1524)	850*1524	874*1548	156*44*13	2.95	31.45
19	EM-18A(914*1219)	914*1219	938*1243	126*44*13	2.65	28.3
20	EM-18A(914*1524)	914*1524	938*1548	156*44*13	3.02	32.23
21	EM-18A(1219*1524)	1219*1524	1243*1548	156*44*13	3.34	35.94
22	EM-18A(210*297)	210*297	234*321	33.3*44*13	0.67	7.25
23	EM-18A(210*420)	210*420	234*444	45.6*44*13	0.82	8.84
24	EM-18A(210*594)	210*594	234*618	63*44*13	1.04	11.17
25	EM-18A(210*841)	210*841	234*865	87.7*44*13	1.34	14.57
26	EM-18A(210*1189)	210*1189	234*1213	123*44*13	1.76	19.4
27	EM-18A(297*420)	297*420	321*444	45.6*44*13	0.93	9.9
28	EM-18A(297*594)	297*594	321*618	63*44*13	1.14	12.2
29	EM-18A(297*841)	297*841	321*865	87.7*44*13	1.44	15.6

30	EM-18A(297*1189)	297*1189	321*1213	123*44*13	1.87	19.85
31	EM-18A(420*594)	420*594	444*618	63*44*13	1.29	13.7
32	EM-18A(420*841)	420*841	444*865	87.7*44*13	1.59	17.1
33	EM-18A(420*1189)	420*1189	444*1213	123*44*13	2.01	21.95
34	EM-18A(594*841)	594*841	618*865	87.7*44*13	1.8	19.2
35	EM-18A(594*1189)	594*1189	618*1213	123*44*13	2.2	24.06
36	EM-18A(841*1189)	841*1189	865*1213	123*44*13	2.53	27.07
37	EM-18A(182*237)	182*237	206*261	27.3*44*13	0.58	6.14
38	EM-18A(182*250)	182*250	206*274	28.6*44*13	0.57	6.08
39	EM-18A(182*354)	182*354	206*378	39*44*13	0.71	7.6
40	EM-18A(182*500)	182*500	206*524	53.6*44*13	0.89	9.58
41	EM-18A(182*707)	182*707	206*731	74.3*44*13	1.14	12.4
42	EM-18A(182*1000)	182*1000	206*1024	103.6*44*13	1.5	16.6
43	EM-18A(237*250)	237*250	261*274	28.6*44*13	0.65	6.9
44	EM-18A(237*354)	237*354	261*378	39*44*13	0.78	8.3
45	EM-18A(237*500)	237*500	261*524	53.6*44*13	0.95	10.25
46	EM-18A(237*707)	237*707	261*731	74.3*44*13	1.2	13.06
47	EM-18A(237*1000)	237*1000	261*1024	103.6*44*13	1.56	17.23
48	EM-18A(250*354)	250*354	274*378	39*44*13	0.79	8.43
49	EM-18A(250*500)	250*500	274*524	53.6*44*13	0.97	10.4
50	EM-18A(250*707)	250*707	274*731	74.3*44*13	1.22	13.22
51	EM-18A(250*1000)	250*1000	274*1024	103.6*44*13	1.58	17.38
52	EM-18A(354*500)	354*500	378*524	53.6*44*13	1.1	11.67
53	EM-18A(354*707)	354*707	378*731	74.3*44*13	1.35	14.49
54	EM-18A(354*1000)	354*1000	378*1024	103.6*44*13	1.7	18.65
55	EM-18A(500*707)	500*707	524*731	74.3*44*13	1.53	16.27
56	EM-18A(500*1000)	500*1000	524*1024	103.6*44*13	1.88	20.4
57	EM-18A(707*1000)	707*1000	731*1024	103.6*44*13	2.13	22.9

4. Component Breakdown

Horizontal Rails: 2x high-precision profiles.

Vertical Rails: 2x high-precision profiles.

Corner Units: 4x specialized plastic corner connectors.

Mounting: Standard frame hanging hardware.

5. Shipping & Logistics Data

Packaging Method: 10 sets per export-grade 5-layer corrugated carton.

Internal Protection: Individual shrink-wrapping, 5-layer cardboard separators, and 3-layer reinforced edge buffering.

Standard Carton Volume: Varies by size (e.g., 79.8 x44 x13cm for 610 x 762mm model).

6. Compliance & Partner Services

Quality Control: 100% pre-shipment assembly and inspection.

Fulfillment: 24–48 hour dispatch for standard modular components.

Design Support: Free 3D rendering and color adjustment for active dealers.

Confidentiality: Guaranteed Blind Shipping for all reseller orders.

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