

TECHNICAL DATASHEET

Products:

Part Number	Color	DIMENSIONS	
		External	Maximum Device Size
MB-38T/16	Transparent	38 x 38 x 16mm	25 x 25 x 10mm
MB-55T/25	Transparent	55 x 55 x 25mm	35 x 35 x 16mm
MB-J-80B/33	Black Paper	80 x 80 x 33mm	N/A
MB-100x50T/30	Transparent	100 x 50 x 30mm	80 x 32 x 20mm
MB-100x75T/30	Transparent	100 x 75 x 30mm	80 x 50 x 20mm
MB-100x75T/50	Transparent	100 x 75 x 50mm	Z < 20 80 x 50 x 20mm Z > 20 70 x 45 x 30mm
MB-100T/30	Transparent	100 x 100 x 30mm	80 x 70 x 20mm
MB-100T/30B	Transparent w/ Black Latch	100 x 100 x 30mm	80 x 70 x 20mm
MB-J-100B/33	Black Paper	100 x 100 x 33mm	N/A
MB-100T/50	Transparent	100 x 100 x 50mm	80 x 70 x 30mm
MB-125x100T/30	Transparent	125 x 100 x 30mm	116 x 82 x 25mm
MB-125T/50	Transparent	125 x 125 x 50mm	100 x 90 x 30mm
MB-125T/75	Transparent	125 x 125 x 75mm	N/A
MB-J-130B/33	Black Paper	130 x 130 x 33mm	N/A

MB-J-130W/33	White Paper	130 x 130 x 33mm	N/A
MB-150x50T/25	Transparent	150 x 50 x 25mm	TBD
MB-150T/100	Transparent	150 x 150 x100mm	Z<12 125 x 125 x 12mm Z>12 110 x 110 x 45mm
MB-180x54T/30	Transparent	180 x 54 x30mm	160 x 20 x 20mm
MB-J-180x110B/20	Black	180 x 110 x 20mm	N/A
MB-200x100T/50	Transparent	200 x 100 x50mm	N/A
MB-225x175T/75	Transparent	225 x 175 x 75mm	N/A
MB-250x75T/25	Transparent	250 x 75 x 25mm	N/A
MB-250x200T/50	Transparent	250 x 200 x 50mm	N/A
MB-275x100T/50	Transparent	275 x 100 x 50mm	N/A
MB-J-250x70B/33	Black	250 x 70 x33mm	N/A
MB-300T/50	Transparent	300 x 300 x 50mm	N/A

Note: Membrane Boxes are manufactured in a Class 10,000 Cleanroom

- **Membrane Physical Properties:**

Property	Test Method	Nominal Value
Hardness	ASTM D2240	85 Shore A
Specific Gravity	ASTM D729	1.12
Tensile Strength	ASTM D412	445 kg/cm ²
Elongation	ASTM D412	515%
300% Modulus	ASTM D412	80 kg/cm ²
Tear Strength	ASTM D1004	100 kg/cm ²
Melting Point		150 C
UV Stability	ASTM D1148	4-5 Grade

Membrane Chemical Properties:

- Waterproof and Breathable
- Low Temperature Capability: < -30 °C
- No Plasticizer, No Migration
- Simple Molecular Structure: C, H, O, N
- Excellent Hydrolysis Resistance: > 2 years
- Excellent Fungus Resistance