



ANTISTATIC MEMBRANE BOX

Technical Datasheet

PRODUCTS:

Part Number	Color	Dimensions		Maximum Mass
		External	Maximum Device Size	
MB-38AS-16 (previously MB-38AS/16)	Antistatic Transparent	38 x 38 x 16mm	25 x 25 x 10mm	N/A
MB-55AS-25 (previously MB-55AS/25)	Antistatic Transparent	55 x 55 x 25mm	35 x 35 x 16mm	N/A
MB-100x75AS-30 (previously MB-100x75AS/30)	Antistatic Transparent	100 x 75 x 30mm	80 x 50 x 20mm	N/A
MB-100AS-30 (previously MB-100AS/30)	Antistatic Transparent	100 x 100 x 30mm	80 x 70 x 20mm	N/A
MB-125AS-50 (previously MB-125AS-50)	Antistatic Transparent	125 x 125 x 50mm	100 x 90 x 30mm	N/A
MB-150AS-100 (previously MB-150AS/100)	Antistatic Transparent	150 x 150 x 100mm	Z<12 125 x 125 x 12mm	600 g
MB-180x54AS-30 (previously MB-180x54AS/30)	Antistatic Transparent	180 x 54 x 30mm	160 x 20 x 20mm	800 g

ANTISTATIC STYRENE BOX PROPERTIES:

- Surface Resistivity < 10¹¹ ohms/square
- Shelf Life = 6 months
- Storage Condition: 70° F / 50% RH

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:

- Simple Molecular Structure: C, H, O, N. No Plasticizer, No Migration
- Waterproof and Breathable
- Excellent Hydrolysis Resistance: > 2 years
- Biocompatible / Excellent Fungus Resistance