

## MEMBRANE BOXES

### Technical Datasheet

Part Number	Color	Dimensions	
		External	Internal (Approx.)
<b>MB-38T-16</b> (previously MB-38T/16)	Transparent	38 x 38 x 16mm	31 x 31 x 14mm
<b>MB-38T-18</b>	Transparent	38 x 38 x 18mm	28 x 28 x 13mm
<b>MB-55T-25</b> (previously MB-55T/25)	Transparent	55 x 55 x 25mm	42 x 42 x 20mm
<b>MB-75T-25</b>	Transparent	75 x 75 x 25mm	53 x 53 x 21mm
<b>MB-R75T-16</b>	Transparent	Φ75 x 16mm	65 x 12mm
<b>MB-80x42T-20</b>	Transparent	80 x 42 x 20mm	65 x 25 x 16mm
<b>MB-R80T-40</b>	Transparent	Φ80 x 40mm	69.5 x 36.2mm
<b>MB-100x50T-30</b> (previously MB-100x50T/30)	Transparent	100 x 50 x 30mm	90 x 36 x 25mm
<b>MB-100x75T-30</b> (previously MB-100x75T/30)	Transparent	100 x 75 x 30mm	90 x 61 x 25mm
<b>MB-100x75T-50</b> (previously MB-100x75T/50)	Transparent	100 x 75 x 50mm	90 x 61 x 45mm
<b>MB-100T-30</b> (previously MB-100T/30)	Transparent	100 x 100 x 30mm	90 x 82 x 25mm
<b>MB-100T-50</b> (previously MB-100T/50)	Transparent	100 x 100 x 50mm	90 x 82 x 45mm
<b>MB-125x75T-25</b>	Transparent	125 x 75 x 25mm	115 x 60 x 20mm
<b>MB-125x100T-30</b> (previously MB-125x100T/30)	Transparent	125 x 100 x 30mm	116 x 82 x 25mm
<b>MB-125T-50</b> (previously MB-125T-50)	Transparent	125 x 125 x 50mm	100 x 100 x 46mm
<b>MB-125T-75</b> (previously MB-125T/75)	Transparent	125 x 125 x 75mm	97.5 x 97.5 x 70mm
<b>MB-150x50T-25</b> (previously MB-150x50T/25)	Transparent	150 x 50 x 25mm	128 x 28 x 20mm
<b>MB-150x125T-50</b>	Transparent	150 x 125 x 50mm	141 x 116 x 45mm
<b>MB-150T-100</b> (previously MB-150T/100)	Transparent	150 x 150 x 100mm	125 x 125 x 95mm
<b>MB-175x75T-50</b>	Transparent	175 x 75 x 50mm	150 x 50 x 46mm
<b>MB-175T-25</b>	Transparent	175 x 175 x 25mm	165 x 165 x 20mm
<b>MB-180x54T-30</b> (previously MB-180x54T/30)	Transparent	180 x 54 x 30mm	170 x 40 x 25mm
<b>MB-200x50T-25</b>	Transparent	200 x 50 x 25mm	190 x 40 x 20mm
<b>MB-200x100T-50</b> (previously MB-200x100T/50)	Transparent	200 x 100 x 50mm	188 x 83 x 45mm
<b>MB-225x175T-75</b> (previously MB-225x175T/75)	Transparent	225 x 175 x 75mm	216 x 149 x 71mm
<b>MB-250x75T-25</b> (previously MB-250x75T/25)	Transparent	250 x 75 x 25mm	241.5 x 51 x 21mm
<b>MB-250x200T-50</b> (previously MB-250x200T/50)	Transparent	250 x 200 x 50mm	223 x 173 x 45mm
<b>MB-275x100T-50</b> (previously MB-275x100T/50)	Transparent	275 x 100 x 50mm	245 x 75 x 45mm
<b>MB-300x75T-25</b>	Transparent	300 x 75 x 25mm	278 x 53 x 21mm
<b>MB-300x150T-51</b>	Transparent	300 x 150 x 51mm	279 x 128 x 48mm
<b>MB-300x150T-76</b>	Transparent	300 x 150 x 76mm	278 x 127 x 71mm
<b>MB-300T-50</b> (previously MB-300T/50)	Transparent	300 x 300 x 50mm	273 x 273 x 45mm

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

### GEL-PAK

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Division of

# DELPHON

## 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 <sup>2</sup>
Elongation	ASTM D412	515%
300% Modulus	ASTM D412	80 kg/cm <sup>2</sup>
Tear Strength	ASTM D1004	100 kg/cm <sup>2</sup>
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