

MP56550 Optically Clear



Urethane Adhesive

Medium-hardness, highly flexible two-component polyurethane system designed for bonding or potting applications requiring high optical clarity and UV resistance



Color		Clear
Viscosity	Mixed	2000 cps*
Specific Gravity	Mixed	1.1
Pot Life		2-3 min
Mass		10 grams
Hardness Shore – D		65-70
Tensile Elongation		163%
Tensile Strength		2845 psi*
Tensile Lap Shear:		
Aluminum		1400 psi
Steel		1800 psi
Acrylic (Substrate Failure)		500 psi
Polycarbonate (Substrate Failure)		400 psi



Bonds Different Substrates

- ❖ Bonds many primed or etched metals.
- ❖ Bonds various plastics and composites including ABS, Polycarbonates, & Acrylics

Cure Schedule

- ❖ Handle Cure Time: 45-60 min at RT
- ❖ Full Cure Time: 18 hours at 25°C
- ❖ Full Cure Time: 2 hours at 80°C



Size	Case Quantity	Part Number	Description
50 mL	15 per case	MP56550-5	MP56550 50mL 1:1 Optically Clear Urethane
200 mL	10 per case	MP56550-6	MP56550 200mL 1:1 Optically Clear Urethane
400 mL	10 per case	MP56550-8	MP56550 400mL 1:1 Optically Clear Urethane

Terms: Net 30 • FOB: Frankfort, IL