

# METHACRYLATE ADHESIVES

Vibra-Tite acrylic (methacrylate) adhesives are a room temperature curing, non-sagging, 2-part system comprised of resin and activator. Our adhesives respond well to dissimilar materials and a wide range of temperatures.

- Forms a bond on:
- aluminum
  - ABS
  - wood
  - fiberglass
  - stainless steel
  - PVC
  - ceramic
  - steel
  - composite
  - plastic
  - glass



**Vibra-TITE BONDING PRODUCTS**

Vibra-Tite Part #	Available Sizes	Mix Nozzle #	Product Description	Available Colors	Mix Ratio By Vol.	Working Time (min)	Fixture Time (min)	Tensile Strength (PSI)	Viscosity Range (cP)
<b>PB300</b> All Purpose - Fast Set Time; High Strength (Competes with Plexus® MA300)									
PB30050	50 mL Cart	M050PB01	General purpose. Adheres to most substrates. Rapid cure time.	Black, Natural	1:1	3-7	10-15	2,500-3,500	40,000-80,000
PB30040	400 mL Cart	M400PB01							
<b>PB305</b> All Purpose - Extremely Fast Set Time (Competes with Plexus® MA305)									
PB30550	50 mL Cart	M050PB01	Very rapid gel and fixture time. Adheres to most substrates.	Black, Natural	1:1	2-3	4-6	2,500-3,500	40,000-80,000
PB30540	400 mL Cart	M400PB01							
<b>PB310</b> All Purpose - For Difficult-To-Bond; High Strength (Competes with Plexus® MA310)									
PB31050	50 mL Cart	M050PB01	Use with plastics that are difficult to bond. Works great on fiberglass.	Black, Natural	1:1	8-15	18-25	3,000-3,800	40,000-80,000
PB31040	400 mL Cart	M400PB01							
<b>PB330</b> All Purpose - Medium Set Time; High Strength (Competes with Plexus® MA330)									
PB33050	50 mL Cart	M050PB01	Use when a medium amount of open time is desired.	Black, Natural	1:1	15-24	30-45	3,000-3,800	40,000-80,000
PB33040	400 mL Cart	M400PB01							
<b>PB530</b> All Purpose - Moderate Set Time; High Strength (Competes with Plexus® MA530)									
PB53050	50 mL Cart	M050PB01	Use when moderate amount of open time is desired.	Black, Natural	1:1	25-35	60-90	3,000-3,800	40,000-80,000
PB53040	400 mL Cart	M400PB01							
<b>PB560</b> All Purpose - Long Set Time; High Flex (Competes with Plexus® MA560-1)									
PB56050	50 mL Cart	M050PB01	Use when long amount of open time is desired.	Gray	1:1	55-70	200-260	2,200-2,800	140,000-180,000
PB56040	400 mL Cart	M400PB01							
<b>PB590</b> All Purpose - Longest Set Time; High Flex (Competes with Plexus® MA590)									
PB59050	50 mL Cart	M050PB01	Use when the longest amount of open time is desired.	Gray	1:1	90-110	260-400	2,200-2,800	140,000-180,000
PB59040	400 mL Cart	M400PB01							
<b>PB405</b> All Purpose - Extremely Fast Set Time (Competes with Plexus® MA205HV)									
PB40550	50 mL Cart	M050PB10	Toughened formula. Fast setting.	Black, Gray, Natural	10:1	2-4	4-8	2,500-3,500	140,000-180,000
PB40549	490 mL Cart	M490PB10							
<b>PB320</b> All Purpose - Medium Set Time; High Strength (Competes with Plexus® MA320)									
PB32050	50 mL Cart	M050PB10	Toughened formula. Medium cure speed. No preparation needed.	Black, Gray, Natural	10:1	8-15	18-25	2,500-3,500	140,000-180,000
PB32049	490 mL Cart	M490PB10							
<b>PB420</b> All Purpose - Fast Set Time; High Strength (Competes with Plexus® AO/MA420)									
PB42050	50 mL Cart	M050PB10	Requires virtually no surface preparation. Impact resistant.	Black, Gray, Natural	10:1	4-7	10-15	2,500-3,500	140,000-180,000
PB42049	490 mL Cart	M490PB10							
<b>PB422</b> All Purpose - Slow Set Time; High Strength (Competes with Plexus® MA422)									
PB42250	50 mL Cart	M050PB10	Use when moderate amount of open time is desired. Toughened formula.	Black, Gray, Natural	10:1	18-24	30-45	2,500-3,500	140,000-180,000
PB42249	490 mL Cart	M490PB10							
<b>PB425</b> All Purpose - Long Set Time; High Strength (Competes with Plexus® MA425)									
PB42550	50 mL Cart	M050PB10	Use when long amount of open time is desired. Toughened formula.	Black, Gray, Natural	10:1	25-35	60-90	2,500-3,500	140,000-180,000
PB42549	490 mL Cart	M490PB10							
<b>PB550</b> Marine - U.V. Stable White (Competes with Plexus® MA550)									
PB55050	50 mL Cart	M050PB10	Excellent for marine industry usage.	White	10:1	40-60	80-110	2,000-2,500	140,000-180,000
PB55049	490 mL Cart	M490PB10							

Custom sizes are available upon request, including 200 mL, 250 mL, 380 mL coaxial, and u-TAH™ universal cartridges, as well as 10 gallon kits, and 40 gallon drum packs. No weighing or manual mixing is needed. Gel and fixture times are measured at 77° F. Colored products and special order products may require a minimum order. See Safety Data Sheet and Technical Data Sheet for more information.

## MS POLYMER (modified silane)

Vibra-Tite Part #	Available Sizes	Color	Viscosity	Specific Gravity	Extrusion Rate	Cure Method	Skin-Over Time	Durometer	Service Temp. Range	Elongation Percentage	Shear Strength
<b>804</b>											
80405	5 Gallon Pail	Black, White, or Gray	Paste	1.4 - 1.6	31.4 g/min., 40 psi at 5mm dia.	Moisture	10 - 12 minutes	Shore A 77	-40°F (-40°C) to 200°F (93°C)	> 190 %	362 psi
80455	55 Gallon Drum										
<b>805</b>											
80530	300 mL Cart	Black, White, or Gray	Paste	1.6	1,100 g/min., 40 psi at 5mm dia.	Moisture	15 minutes	Shore A 45-50	-40°F (-40°C) to 200°F (93°C)	> 410 %	246 psi
80505	5 Gallon Pail										
80555	55 Gallon Drum										
<b>816</b>											
81630	300 mL Cart	Black, White, or Gray	Paste	1.3 - 1.7	338 g/min., 40 psi at 5mm dia.	Moisture	8 minutes	Shore A 38	-40°F (-40°C) to 200°F (93°C)	>540%	300 psi
81605	5 Gallon Pail										
81655	55 Gallon Drum										
<b>817</b>											
81730	300 mL Cart	Black, White, or Gray	Paste	1.3 - 1.7	484 g/min., 40 psi at 5mm dia.	Moisture	7 minutes	Shore A 58	-40°F (-40°C) to 200°F (93°C)	>240%	295 psi

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