MEDICAL APPLICATION SOLUTIONS

Our medical device adhesives cover almost every adhesive chemistry conceivable, providing you with a wide range of choices and assembly solutions. We know one product won’t fit every design, and that’s why we continue to create and add new products, new chemistries and even new technologies. No matter what the application, chances are we have the right adhesive for the job. Our products are available in viscosities ranging from water-thin liquids to thixotropic gels, and are compatible with common sterilization methods such as ethylene oxide, gamma radiation, electron beam, liquid sterilization, autoclave, and peroxide plasma.

GETTING STARTED – SELECTING A MEDICAL DEVICE ADHESIVE

The following chart has been designed to help you select a medical device adhesive. This chart is intended to serve as a general guideline to help you determine which adhesive categories are best suited for your application. The data presented represents typical properties for each adhesive category; however, individual product properties may differ. Individual product information can be found on the pages that follow to help you narrow your search.

HENKEL OFFERS THE MOST COMPREHENSIVE LINE OF LOCTITE® ADHESIVES AND SEALANTS AVAILABLE TO THE MEDICAL DEVICE INDUSTRY

These ISO® 10993-compliant products are designed specifically for the assembly of medical devices where toxicity testing and sterilization resistance are required.

Loctite® Adhesives and Sealants Product Specialists are available to assist you with new product designs, or to help you re-engineer an existing application for improved performance and cost savings. They can also set up testing of your parts at the Henkel Customer Engineering Center. For application assistance, call 1-800-LOCTITE (562-8483); within Canada, call 1-800-263-5043; or contact us through the web at www.henkelna.com/loctite.

STRAIGHT FROM The Source
1 Cyanoacrylates have very good moisture resistance on plastics.
2 Uncured liquid adhesives may cause stress cracking of certain thermoplastics, e.g., polycarbonate, acrylic and polysulfone. Special products and process techniques are available. Consult the Loctite® Design Guide to Bonding Plastics (LT-2197) or contact 1-800-LOCTITE (562-8483) for more information.
3 Exception: Toughened cyanoacrylates have high peel strength.
Light Cure Acrylic Adhesive

**Loctite® 3921™/3922™/3924™/3926™ Light Cure Adhesives**

**PLASTIC/METAL**
Fluorescing, UV/visible adhesives offering superior sterilization resistance. Ideal for bonding a wide variety of plastic and metal components where environmental resistance is required.

<table>
<thead>
<tr>
<th>Item #</th>
<th>3921™</th>
<th>3922™</th>
<th>3924™</th>
<th>3926™</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1072199</td>
<td>32083</td>
<td>36484</td>
<td>36489</td>
</tr>
<tr>
<td></td>
<td>1 liter bottle</td>
<td>25 ml syringe</td>
<td>1 liter bottle</td>
<td>25 ml syringe</td>
</tr>
<tr>
<td>3921™</td>
<td>36484</td>
<td>25 ml syringe</td>
<td>1 liter bottle</td>
<td></td>
</tr>
<tr>
<td>3921™</td>
<td>36485</td>
<td>1 liter bottle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3922™</td>
<td>32047*</td>
<td>1 liter bottle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3924™</td>
<td>36489</td>
<td>25 ml syringe</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3924™</td>
<td>36492</td>
<td>25 ml syringe</td>
<td></td>
<td></td>
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<tr>
<td>3926™</td>
<td>36492</td>
<td>1 liter bottle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3926™</td>
<td>36493</td>
<td>1 liter bottle</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Loctite® 3941™/3942™/3943™ Light Cure Adhesives**

**HIGH PERFORMANCE/VARIOUS SUBSTRATES**
Fluorescing, UV/visible acrylic adhesives. Ideal for applications where high strength on a variety of substrates and rapid surface cure are required.

<table>
<thead>
<tr>
<th>Item #</th>
<th>3941™</th>
<th>3942™</th>
<th>3943™</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1402562</td>
<td>1402563</td>
<td></td>
</tr>
<tr>
<td></td>
<td>25 ml syringe</td>
<td>300 ml cartridge</td>
<td></td>
</tr>
</tbody>
</table>

**Loctite® 3971™/3972™ Light Cure Adhesive**

**PLASTICIZED SUBSTRATES**
Rapid curing, UV/visible, fluorescing adhesives that bond highly plasticized materials, including PVC and polyurethane.

<table>
<thead>
<tr>
<th>Item #</th>
<th>3971™</th>
<th>3972™</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>36792</td>
<td>36792</td>
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<tr>
<td></td>
<td>1 liter bottle</td>
<td>25 ml syringe</td>
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<tr>
<td>3971™</td>
<td>36805</td>
<td>36805</td>
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<tr>
<td>3972™</td>
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<td>36294</td>
</tr>
<tr>
<td>3972™</td>
<td>36295</td>
<td>36295</td>
</tr>
</tbody>
</table>

**Loctite® 3974™ Light Cure Adhesive**

**HIGHLY FLEXIBLE**
A highly resilient, extremely flexible, thermal-cycling resistant UV/visible adhesive that bonds plastic, metal and glass.

<table>
<thead>
<tr>
<th>Item #</th>
<th>3974™</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1135733</td>
</tr>
<tr>
<td></td>
<td>1135732</td>
</tr>
</tbody>
</table>

**Loctite® 3979™ Light Cure Adhesive**

**GEL, FLUORESCES RED**
A rapid curing, UV/visible non-sag gel which fluoresces red.

<table>
<thead>
<tr>
<th>Item #</th>
<th>3979™</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1402562</td>
</tr>
<tr>
<td></td>
<td>1402563</td>
</tr>
</tbody>
</table>

* Made-to-order item.
Loctite® 3301™/3311™/3321™
Light Cure Adhesives
PLASTIC/METAL
Low viscosity, slightly flexible, UV/visible adhesives. Excellent for bonding thermoplastics and plasticized PVC.

<table>
<thead>
<tr>
<th>Item</th>
<th>Type &amp; Size</th>
<th>Appearance/Cure Type</th>
<th>CURE TO QUANTIFIABLY CONFIRM COMPLETION OF CURE?</th>
</tr>
</thead>
<tbody>
<tr>
<td>3301™-65°F to 300°F (-54˚C to 149˚C)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3311™-65°F to 300°F (-54˚C to 149˚C)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3321™-65°F to 300°F (-54˚C to 149˚C)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

 Interested in an In-Line System to Quantifiably Confirm Completion of Cure?
Contact Henkel at medical.adhesives@us.henkel.com.
Your Source for MEDICAL APPLICATION SOLUTIONS

CYANOACRYLATES, ACCELERATORS & PRIMERS

Loctite® 431™ Prism®
Instant Adhesive
A high viscosity, instant adhesive ideally suited for dry environments, as well as for bonding acidic and porous surfaces.

- Item #: 41254 3 g tube
- Item #: 41255 20 g bottle
- Item #: 41256 1 lb. bottle

Loctite® 435™ Prism®
Instant Adhesive
SURFACE INSENSITIVE/TOUGHENED
The first true clear, surface insensitive, elastomer-modified instant adhesive. Faster fixture times over traditional toughened adhesives with exceptional bond and peel strength on metals, plastics and rubbers.

- Item #: 41005 3 g tube
- Item #: 40994 20 g bottle
- Item #: 40995 1 lb. bottle

Loctite® 4011™ Prism® Medical Device Instant Adhesive
A low viscosity, instant adhesive ideally suited for dry environments, as well as for bonding acidic surfaces.

- Item #: 18680 20 g bottle
- Item #: 18681 1 lb. bottle

Loctite® 4541™ Prism®
GEL
Designed for the assembly of difficult-to-bond materials that require uniform stress distribution. Particularly suited for bonding porous or absorbent materials. Also formulated for faster cure speeds on dry or acidic surfaces and substrates.

- Item #: 21920 10 g syringe
- Item #: 16690 20 g tube
- Item #: 16691 200 g tube

Loctite® 4851™/4861™ Prism®
Instant Adhesives
FLEXIBLE
Medium and high viscosity instant adhesives for the assembly of flexible components.

- Item #: 4851™ 37732 20 g bottle
- Item #: 4851™ 37733 1 lb. bottle
- Item #: 4861™ 37708 20 g bottle
- Item #: 4861™ 37711 1 lb. bottle

Loctite® 7701™ Prism®
Medical Device Instant Adhesive
An adhesion promoter formulated for use with polyolefins and other low surface energy plastic materials. Use with Loctite® cyanoacrylate adhesives. Fast dry time and long on-part life.

- Item #: 19886 1.75 fl. oz. bottle
- Item #: 19887 16 fl. oz. can

Loctite® 4360™ Flashcure®
Light Cure Adhesives
Wicking grade fluorescent adhesive that achieves tack-free cure in less than 5 seconds. Surface versatile with shadow cure capability.

- Item #: 4360™ 37439 1 oz. bottle
- Item #: 4360™ 37442 1 lb. bottle

Loctite® 4310™/4311™ Flashcure®
Light Cure Adhesives
Low or high viscosity toughened fluorescent adhesives that achieve tack-free cures in less than 5 seconds. Surface versatile with shadow cure capability.

- Item #: 4310™ 1401792 1 oz. bottle
- Item #: 4310™ 1401790 1 lb. bottle
- Item #: 4311™ 1401791 1 oz. bottle
- Item #: 4311™ 1401789 1 lb. bottle

Loctite® 4011™ Prism® Medical Device Adhesive
An adhesion promoter formulated for use with polyolefins and other low surface energy plastic materials. Use with Loctite® cyanoacrylate adhesives. Fast dry time and long on-part life.

- Item #: 19886 1.75 fl. oz. bottle
- Item #: 19887 16 fl. oz. can

Sources REVEALED
<table>
<thead>
<tr>
<th>LOCTITE® PRODUCT</th>
<th>ITEM NUMBER</th>
<th>PACKAGE TYPE &amp; SIZE</th>
<th>APPEARANCE/CLARITY/COLOR</th>
<th>CURE TYPE</th>
<th>KEY SUBSTRATES</th>
<th>VISCOSITY (CP)</th>
<th>TEMPERATURE RANGE</th>
<th>ISO 10993 COMPLIANT</th>
</tr>
</thead>
<tbody>
<tr>
<td>431** PRISM® (SI)</td>
<td>41254</td>
<td>3 g tube 20 g bottle 1 lb. bottle</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal, elastomer, including rubber</td>
<td>1,000</td>
<td>-65°F to 180°F (-54°C to 82°C)</td>
<td>●</td>
</tr>
<tr>
<td>435** PRISM® (T)</td>
<td>41005</td>
<td>3 g tube 20 g bottle 1 lb. bottle</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal, elastomer, including rubber</td>
<td>200</td>
<td>-65°F to 240°F (-54°C to 116°C)</td>
<td>●</td>
</tr>
<tr>
<td>4011** PRISM® (SI)</td>
<td>18681</td>
<td>20 g bottle 1 lb. bottle</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal, elastomer, including rubber</td>
<td>100</td>
<td>-65°F to 180°F (-54°C to 82°C)</td>
<td>●</td>
</tr>
<tr>
<td>4013** PRISM® (GP)</td>
<td>20268</td>
<td>20 g bottle 1 lb. bottle</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal</td>
<td>500</td>
<td>-65°F to 180°F (-54°C to 82°C)</td>
<td>●</td>
</tr>
<tr>
<td>4014** PRISM® (GP)</td>
<td>20269</td>
<td>20 g bottle 1 lb. bottle</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal</td>
<td>3</td>
<td>-65°F to 220°F (-54°C to 104°C)</td>
<td>●</td>
</tr>
<tr>
<td>4031** PRISM® (LO)</td>
<td>18682</td>
<td>20 g bottle 1 lb. bottle</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal</td>
<td>1,300</td>
<td>-65°F to 160°F (-54°C to 71°C)</td>
<td>●</td>
</tr>
<tr>
<td>4081** PRISM® (SI)</td>
<td>18686</td>
<td>20 g bottle 1 lb. bottle</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal, elastomer, including rubber</td>
<td>20</td>
<td>-65°F to 180°F (-54°C to 82°C)</td>
<td>●</td>
</tr>
<tr>
<td>4161** SUPER BONDER® (GP)</td>
<td>19743</td>
<td>20 g bottle 1 lb. bottle</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal</td>
<td>1,500</td>
<td>-65°F to 180°F (-54°C to 82°C)</td>
<td>●</td>
</tr>
<tr>
<td>4206** PRISM® (TR)</td>
<td>28620</td>
<td>20 g tube 1 lb. bottle</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal, elastomer, including rubber</td>
<td>375</td>
<td>-65°F to 250°F (-54°C to 121°C)</td>
<td>●</td>
</tr>
<tr>
<td>4541** PRISM® (SI)</td>
<td>18690</td>
<td>20 g tube 200 g tube 10 g syringe</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal, elastomer, including rubber</td>
<td>Gel</td>
<td>-65°F to 180°F (-54°C to 82°C)</td>
<td>●</td>
</tr>
<tr>
<td>4601** PRISM® (LO)</td>
<td>18692</td>
<td>20 g bottle 1 lb. bottle</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal</td>
<td>50</td>
<td>-65°F to 160°F (-54°C to 71°C)</td>
<td>●</td>
</tr>
<tr>
<td>4851** PRISM® (FL)</td>
<td>37732</td>
<td>20 g bottle 1 lb. bottle</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal, elastomer, including rubber</td>
<td>400</td>
<td>-65°F to 125°F (-54°C to 52°C)</td>
<td>●</td>
</tr>
<tr>
<td>4861** PRISM® (FL)</td>
<td>37708</td>
<td>20 g bottle 1 lb. bottle</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal, elastomer, including rubber</td>
<td>4,000</td>
<td>-65°F to 125°F (-54°C to 52°C)</td>
<td>●</td>
</tr>
<tr>
<td>4981** SUPER BONDER® (TR)</td>
<td>18694</td>
<td>20 g bottle 1 lb. bottle</td>
<td>Clear</td>
<td>Humidity</td>
<td>Thermoplastic, thermoplastic, metal, elastomer, including rubber</td>
<td>500</td>
<td>-65°F to 220°F (-54°C to 104°C)</td>
<td>●</td>
</tr>
<tr>
<td>4396** FLASHCURE®</td>
<td>37439</td>
<td>1 oz. bottle 1 lb. bottle</td>
<td>Clear/Pale Green/Opalescent</td>
<td>Ultrasensitive, visible, humidity</td>
<td>Thermoplastic, polycarbonate, elastomer</td>
<td>20</td>
<td>-65°F to 180°F (-54°C to 82°C)</td>
<td>●</td>
</tr>
<tr>
<td>4310** FLASHCURE®</td>
<td>1401791</td>
<td>1 oz. bottle 1 lb. bottle</td>
<td>Clear/Pale Green/Ultraviolet</td>
<td>Ultrasensitive, visible, humidity</td>
<td>Thermoplastic, polycarbonate, elastomer</td>
<td>150</td>
<td>-65°F to 240°F (-54°C to 116°C)</td>
<td>●</td>
</tr>
<tr>
<td>4311** FLASHCURE®</td>
<td>1401791</td>
<td>1 oz. bottle 1 lb. bottle</td>
<td>Clear/Pale Green/Ultraviolet</td>
<td>Ultrasensitive, visible, humidity</td>
<td>Thermoplastic, polycarbonate, elastomer</td>
<td>900</td>
<td>-65°F to 240°F (-54°C to 116°C)</td>
<td>●</td>
</tr>
<tr>
<td>713** PRISM® ACCELERATOR</td>
<td>19889</td>
<td>1.75 fl. oz. bottle</td>
<td>Clear</td>
<td>N/A</td>
<td>Isopropanol-based accelerator for cyanoacrylates</td>
<td>1</td>
<td>N/A</td>
<td>●</td>
</tr>
<tr>
<td>7451** PRISM® ACCELERATOR</td>
<td>19880</td>
<td>1.75 fl. oz. bottle</td>
<td>Clear</td>
<td>N/A</td>
<td>Acetone-based accelerator for cyanoacrylates</td>
<td>1</td>
<td>N/A</td>
<td>●</td>
</tr>
<tr>
<td>7701** PRISM® PRIMER</td>
<td>19886</td>
<td>1.75 fl. oz. bottle</td>
<td>Clear</td>
<td>N/A</td>
<td>Heptane-based adhesion promoter for low energy surface plastics</td>
<td>3</td>
<td>N/A</td>
<td>●</td>
</tr>
</tbody>
</table>

ITEMS IN RED = Source’s PICK or NEW

(SO) – Surface Inensitive
(GP) – General Purpose
(LD) – Low Odor/Low Bloom
(FL) – Flexible
(TR) – Thermally Resistant
(T) – Toughened

* Made-to-order item.
Your Source for MEDICAL APPLICATION SOLUTIONS

EPOXIES, SILICONES & URETHANES

[ Epoxies ]

Loctite® 3981™/3982™/3984™
Hysol® Epoxy Adhesives

HIGH PERFORMANCE/ VARIOUS SUBSTRATES

Highly fluorescent, one-part, heat cure epoxy adhesives offering superior physical, environmental and performance properties.

Item #
3981™  36766  30 ml syringe
3981™  37297  1 liter bottle
3982™  36767  30 ml syringe
3982™  37298  1 liter bottle
3984™  36768  30 ml syringe
3984™  37299*  1 liter bottle

Loctite® M-121HP™ Hysol®
Medical Device Epoxy Adhesive

A high viscosity, non-sag epoxy for applications that require high impact resistance and high peel strength. Bonds dissimilar materials including aluminum, steel and other metals, as well as a variety of plastics and ceramics.

Item #
30680  50 ml dual cartridge

Loctite® 5240™ Nuva-Sil®
Medical Device Sealant

A self-leveling, UV or visible light silicone that also features a secondary moisture cure. Makes transparent, white-tinted seals or bonds.

Item #
1010341  25 ml syringe
1010320  300 ml cartridge
1010343  40 lb. pail*

[ Silicone Adhesives/Sealants ]

Loctite® 5055™ Silicone
Adhesive Sealant

SELF-LEVELING/FLOWABLE

A UV or visible light curing, noncorrosive silicone for high speed coating, potting adhesion or sealing applications. High adhesion for difficult-to-bond substrates.

Item #
1212167  25 ml syringe
1214246  1 liter bottle
1214247  15 liter pail*

Loctite® 5056™ Silicone
Adhesive Sealant

SELF-LEVELING/HIGH ADHESION

A UV or visible light curing, noncorrosive silicone with very high bond strength. Ideal for high speed adhesion and sealing applications. High adhesion for difficult-to-bond substrates.

Item #
1214248  25 ml syringe
1214250  1 liter bottle
1214249  15 liter pail*

Loctite® M-21HP™ Hysol®
Medical Device Epoxy Adhesive

An off-white, toughened epoxy that provides high peel resistance and high shear strength on a wide variety of plastics and metals.

Item #
30671  50 ml dual cartridge

Loctite® M-31CL™ Hysol®
Medical Device Epoxy Adhesive

A low viscosity epoxy that bonds glass, ceramic, metal and many rigid plastics. Ideal for applications where optical clarity and excellent structural and mechanical properties are required.

Item #
30673  50 ml dual cartridge
30674*  200 ml dual cartridge

[ Urethane ]

Loctite® M-11FL™ Hysol®
Medical Device Urethane Adhesive

A low viscosity urethane that bonds polycarbonate and a variety of other plastics, glass and metal. When fully set, product forms an ultra-clear bond line and provides excellent peel strength.

Item #
30678  50 ml dual cartridge

* Made-to-order item.
## Loctite® Epoxies, Silicones & Urethanes Properties Chart

<table>
<thead>
<tr>
<th><strong>LOCTITE® PRODUCT</strong></th>
<th><strong>ITEM NUMBER</strong></th>
<th><strong>PACKAGE TYPE &amp; SIZE</strong></th>
<th><strong>APPEARANCE/CLARITY/COLOR</strong></th>
<th><strong>CURE TYPE</strong></th>
<th><strong>KEY SUBSTRATES</strong></th>
<th><strong>VISCOSITY (cP) BROOKFIELD (25°C)</strong></th>
<th><strong>TEMPERATURE RANGE</strong></th>
<th><strong>ISO 10993 COMPLIANT</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EPOXIES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3981™ HYSOL®</td>
<td>36766 37297</td>
<td>30 ml syringe 1 liter bottle</td>
<td>Transparent Yellow</td>
<td>Heat cure</td>
<td>Thermoset plastic, metal, glass, ceramic</td>
<td>5,300</td>
<td>-65°F to 300°F (-54˚C to 149˚C)</td>
<td>●</td>
</tr>
<tr>
<td>3982™ HYSOL®</td>
<td>36767 37298</td>
<td>30 ml syringe 1 liter bottle</td>
<td>Off-White</td>
<td>Heat cure</td>
<td>Thermoset plastic, metal, glass, ceramic</td>
<td>8,000</td>
<td>-65°F to 300°F (-54˚C to 149˚C)</td>
<td>●</td>
</tr>
<tr>
<td>3984™ HYSOL®</td>
<td>36768 37299*</td>
<td>30 ml syringe 1 liter bottle</td>
<td>Light Grey</td>
<td>Heat cure</td>
<td>Thermoset plastic, metal, glass, ceramic</td>
<td>25,500</td>
<td>-65°F to 300°F (-54˚C to 149˚C)</td>
<td>●</td>
</tr>
<tr>
<td>M-21HP™ HYSOL®</td>
<td>30671</td>
<td>50 ml dual cartridge</td>
<td>Off-White</td>
<td>Room temperature</td>
<td>Thermoplastic, thermoset plastic, elastomer, metal, glass, ceramic</td>
<td>37,000</td>
<td>-65°F to 300°F (-54˚C to 149˚C)</td>
<td>●</td>
</tr>
<tr>
<td>M-31CL™ HYSOL®</td>
<td>30673 30674*</td>
<td>50 ml dual cartridge 200 ml dual cartridge</td>
<td>Ultra-Clear</td>
<td>Room temperature</td>
<td>Thermoplastic, thermoset plastic, polycarbonate, metal, glass, ceramic</td>
<td>6,000</td>
<td>-65°F to 300°F (-54˚C to 149˚C)</td>
<td>●</td>
</tr>
<tr>
<td>M-121HP™ HYSOL®</td>
<td>30680</td>
<td>50 ml dual cartridge</td>
<td>Amber</td>
<td>Room temperature</td>
<td>Thermoplastic, polycarbonate, polyvinylchloride, metal, glass, ceramic</td>
<td>11,000</td>
<td>-65°F to 300°F (-54˚C to 149˚C)</td>
<td>●</td>
</tr>
<tr>
<td><strong>SILICONE ADHESIVES/SEALANTS</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>5240™ NUVA-SIL®</td>
<td>1010341 1010320 1010343*</td>
<td>30 ml syringe 300 ml cartridge 40 lb. pail</td>
<td>Translucent/White</td>
<td>UV/visible, humidity</td>
<td>Silicone, metal, glass, plastic</td>
<td>18,000</td>
<td>-65°F to 200°F (-54˚C to 93˚C)</td>
<td>●</td>
</tr>
<tr>
<td>5055™</td>
<td>1212167 1212426 1212427*</td>
<td>25 ml syringe 1 liter bottle 15 liter pail</td>
<td>Light Yellow/Transparent</td>
<td>UV/visible</td>
<td>Silicone, metal, glass, plastic</td>
<td>525</td>
<td>-65°F to 200°F (-54˚C to 93˚C)</td>
<td>●</td>
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<tr>
<td>5056™</td>
<td>1212429 12124250 12124240*</td>
<td>25 ml syringe 1 liter bottle 15 liter pail</td>
<td>Light Yellow/Transparent</td>
<td>UV/visible</td>
<td>Silicone, metal, glass, plastic</td>
<td>2,200</td>
<td>-65°F to 200°F (-54˚C to 93˚C)</td>
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<tr>
<td><strong>URETHANE</strong></td>
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</tr>
<tr>
<td>M-11FL™ HYSOL®</td>
<td>30678</td>
<td>50 ml dual cartridge</td>
<td>Ultra-Clear</td>
<td>Room temperature</td>
<td>Thermoplastic, thermoset plastic, polycarbonate, elastomer, metal, glass, ceramic</td>
<td>3,800</td>
<td>-65°F to 250°F (-54˚C to 121˚C)</td>
<td>●</td>
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</tbody>
</table>

**ITEMS IN RED = Source’s PICK or NEW**  
* Made-to-order item.
### LOCTITE® PRODUCT

<table>
<thead>
<tr>
<th>LOCTITE® PRODUCT</th>
<th>ITEM NUMBER</th>
<th>LAMP TYPE</th>
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</thead>
<tbody>
<tr>
<td><strong>ENCLOSED CHAMBER &amp; FLOOD SYSTEMS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UVALOC 1000 UV CURE CHAMBER</td>
<td>805741</td>
<td>1,000 watt Mercury Vapor</td>
</tr>
<tr>
<td>ZETA 7401 UV CHAMBER</td>
<td>98039</td>
<td>400 watt Metal Halide</td>
</tr>
<tr>
<td>ZETA 7411-S UV FLOOD SYSTEM</td>
<td>98413</td>
<td>400 watt Metal Halide</td>
</tr>
<tr>
<td>FOCUSED UV FLOOD CURING SYSTEM</td>
<td>1113131</td>
<td>400 watt Metal Halide</td>
</tr>
<tr>
<td>ZETA® INDIGO® 7418 VISIBLE FLOOD SYSTEM</td>
<td>971031</td>
<td>400 watt Visible Arc Lamp</td>
</tr>
<tr>
<td><strong>LIGHT CURING UV BULB SYSTEMS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LIGHT CURING FLOOD SYSTEMS</strong></td>
<td></td>
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<tr>
<td><strong>CURE CONVEYORS</strong></td>
<td></td>
<td></td>
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<tr>
<td>ZETA® 7415 UV BENCHTOP CONVEYOR</td>
<td>98003</td>
<td>300 W/in Electrodeless (sold separately)</td>
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<tr>
<td>UV BENCHTOP CONVEYOR</td>
<td>1241543</td>
<td>1,800 watt Medium Pressure Mercury Arc Lamp</td>
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<tr>
<td><strong>LIGHT SOURCES</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELECTRODELESS LAMP ASSEMBLY AND POWER SUPPLY</td>
<td>98004 (208/240 VAC)</td>
<td>300 W/in Electrodeless</td>
</tr>
<tr>
<td>HIGH INTENSITY ULTRAVIOLET SOURCES</td>
<td>980160</td>
<td>1,500 watt Medium Pressure Mercury Arc Lamp</td>
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</table>

### LOCTITE® PRODUCT

<table>
<thead>
<tr>
<th>LOCTITE® PRODUCT</th>
<th>ITEM NUMBER</th>
<th>MEASUREMENT RANGE</th>
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<tbody>
<tr>
<td><strong>LIGHT METERS</strong></td>
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<tr>
<td>UV-BA DOSIMETER-RADIOMETER</td>
<td>1390323</td>
<td>320 to 400 nm</td>
</tr>
<tr>
<td>UV-V DOSIMETER-RADIOMETER</td>
<td>1265282</td>
<td>390 to 600 nm</td>
</tr>
<tr>
<td>UV SPOT-7020 RADIOMETER</td>
<td>1406024</td>
<td>280 to 400 nm/3, 5, and 8 mm light guides</td>
</tr>
</tbody>
</table>

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**YOUR EQUIPMENT Source**

For more details, see the Loctite® Equipment Sourcebook, LT-3669, or visit us on the web for additional information, diagrams, products and our full line of equipment at www.equipment.loctite.com.

**WEAR EYE PROTECTION**
For proper eye protection, use Loctite® brand ultraviolet safety glasses.

**ITEMS IN RED = Source’s PICK or NEW**

### LIGHT CURE SYSTEMS

#### LED CURING DEVICES

<table>
<thead>
<tr>
<th>LED CURE JET MODEL</th>
<th>ITEM NUMBER</th>
<th>LAMP TYPE</th>
<th>OPTIONS/ACCESSORIES</th>
</tr>
</thead>
</table>
| 7700 LED LIGHT SOURCE II | 1427231 | LED – 395 nm | **OPTIONAL:**  
  - Timer - 96443;  
  - Foot Switch - 96440;  
  - Holder - 96822;  
  - Dosimeter - 98099;  
  - Dosimeter Adapter - 98453 |
| 7703 LED LIGHT SOURCE | 98595 | LED – Indigo Wavelength |  |
| 7700-HD LED LIGHT SOURCE II | 1427232 | LED – 395 nm | **ONE OF THE FOLLOWING IS REQUIRED:**  
  - Timer - 966036;  
  - PLC Cable - 0900550;  
  - Foot Switch - 979201;  
  - Pistol Grip Timer - 1063327 |
| 7703-HD LED LIGHT SOURCE | 883979 | LED – Indigo Wavelength |  |
| LED FLOOD ARRAY – 375 | 1167582 | LED – 375 nm | Used with 1359255 in conjunction with cable 1333333 |
| LED FLOOD ARRAY – INDIGO® | 1167589 | LED – Indigo Wavelength | Used with 1359255 in conjunction with cable 1333333 |
| LED FLOOD ARRAY – 405 | 1167593 | LED – 405 nm | Used with 1359255 in conjunction with cable 1333333 |
| LED FLOOD CONTROLLER | 1359255 | N/A | Used with all LED Flood Arrays |

**NEW**

- **LED CURING DEVICES**
  - **NEW** CUREJET™ 375 LED | 1369539 | LED – 375 nm | Used with 1364033 or 1180632 |
  - **NEW** CUREJET™ 405 LED | 1369538 | LED – 405 nm | Used with 1364033 or 1180632 |
  - **NEW** CUREJET™ INDIGO® LED | 1369537 | LED – Indigo Wavelength | Used with 1364033 or 1180632 |

**NEW**

- **NEW** SINGLE CUREJET™ CONTROLLER | 1364033 | N/A | Used with all CUREJET™ LEDs |
- **NEW** CUREJET™ QUAD CONTROLLER | 1180632 | N/A | Used with all CUREJET™ LEDs |

**NEW**

- **NEW** LOCTITE® 100W WAND SYSTEM | 1377200 | 100 watt High Pressure Mercury Arc | **ONE OF THE FOLLOWING IS REQUIRED:**  
  - Light Guide 5 mm x 1,000 mm – 986377;  
  - Light Guide 5 mm x 1,500 mm – 911611;  
  - For other Light Guide options, visit www.equipment.loctite.com |
- **NEW** ZETA® 760A UV WAND SYSTEM | 1329221 | 200 watt High Pressure Mercury Arc |  |
**LOCTITE® PRODUCT**

### LOCTITE® MEDICAL APPLICATION SOLUTIONS

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**LOCTITE® PRODUCT**

### MEDICAL DISPENSING EQUIPMENT

**HIGH PRECISION VALVES**

- **MICRO NEEDLE VALVE**
  - Item Number: 98084
  - Type: High Precision
  - Viscosity Range: Low to Medium
  - Dispense Patterns: Drop, Dot, Bead, Microdot
  - Used to Dispense: Light Cure/Acrylics
  - Stroke Adjustment: Yes
  - Suck-Back: No
  - Consumables & Dispense Accessories: Dispense Tips and Accessories – Pages 182-186

**HIGH PERFORMANCE DIAPHRAGM VALVES**

- **LIGHT CURE DISPENSE VALVE**
  - Item Number: 98009
  - Type: High Performance Diaphragm
  - Viscosity Range: Low to Medium
  - Dispense Patterns: Drop, Dot, Bead
  - Used to Dispense: Instant Adhesives
  - Stroke Adjustment: Yes
  - Suck-Back: No
  - Consumables & Dispense Accessories: Dispense Tips and Accessories – Pages 182-186

- **CYANOACRYLATE DISPENSE VALVE**
  - Item Number: 98013
  - Type: High Performance Diaphragm
  - Viscosity Range: Low to Medium
  - Dispense Patterns: Drop, Dot, Bead, Microdot
  - Used to Dispense: Instant Adhesives
  - Stroke Adjustment: Yes
  - Suck-Back: No

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**LOCTITE® PRODUCT**

### GENERAL-PURPOSE APPLICATORS

**HANDHELD VALVES**

- **LV HAND-HELD APPLICATOR**
  - Item Number: 97130
  - Type: Pneumatic
  - Viscosity Range: Low
  - Dispense Patterns: Drop, Dot, Bead
  - Used to Dispense: Instant Adhesives
  - Stroke Adjustment: Yes
  - Actuation: Foot
  - Consumables & Dispense Accessories: Dispense Tips and Accessories – Pages 182-186

- **MANUAL HAND-HELD APPLICATOR**
  - Item Number: 97111
  - Type: Manual
  - Viscosity Range: Low to Medium
  - Dispense Patterns: Drop, Dot, Bead
  - Used to Dispense: Light Cure/Acrylics
  - Stroke Adjustment: Yes
  - Actuation: Finger
  - Consumables & Dispense Accessories: Dispense Tips and Accessories – Pages 182-186

- **PNEUMATIC HAND-HELD APPLICATOR**
  - Item Number: 97116
  - Type: Pneumatic
  - Viscosity Range: Low to Medium
  - Dispense Patterns: Drop, Dot, Bead
  - Used to Dispense: Light Cure/Acrylics
  - Stroke Adjustment: Yes
  - Actuation: Finger

- **VARI-DROP™ APPLICATORS**
  - Item Number: 97131 (Pinch Tube)
  - Type: Pinch Tube
  - Viscosity Range: Low to Medium
  - Dispense Patterns: Drop, Dot, Bead
  - Used to Dispense: Instant Adhesives
  - Stroke Adjustment: Yes
  - Actuation: Finger

---

**LOCTITE® PRODUCT**

### SYRINGE DISPENSING

**HANDHELD APPLICATORS**

- **30 ML MANUAL SYRINGE APPLICATOR**
  - Item Number: 98026
  - Type: 30 ml syringe
  - Mix Ratios: N/A
  - Viscosity Range: Low to High
  - Type: Manual
  - Consumables & Dispense Accessories: Dispense Tips and Accessories – Pages 182-186

- **50 ML DUAL CARTRIDGE PNEUMATIC APPLICATOR**
  - Item Number: 97042
  - Type: 50 ml dual cartridge
  - Mix Ratios: 1:1, 2:1, 10:1
  - Viscosity Range: Low to High
  - Type: Pneumatic
  - Consumables & Dispense Accessories: Syringe Accessories – Pages 184

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<table>
<thead>
<tr>
<th><strong>LOCTITE® PRODUCT</strong></th>
<th><strong>ITEM NUMBER</strong></th>
<th><strong>DISPENSE PATTERNS</strong></th>
<th><strong>USED TO DISPENSE</strong></th>
<th><strong>PACKAGE TYPES &amp; SIZES</strong></th>
<th><strong>VISCOSITY RANGE</strong></th>
<th><strong>VACUUM SUCK-BACK</strong></th>
<th><strong>CONSUMABLES – DISPENSE ACCESSORIES</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>VOLUMETRIC BOTTLE DISPENSING</strong></td>
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<tr>
<td>BENCHTOP PERISTALTIC DISPENSER</td>
<td>98548</td>
<td>Dot, Drop, Bead</td>
<td>Instant Adhesives, Light Cure/Acrylics</td>
<td>Any</td>
<td>0 to 5,000 cP</td>
<td>N/A</td>
<td>Dispense Tips and Accessories – Pages 182-186</td>
</tr>
<tr>
<td><strong>COMPLETE PRESSURE-TIME BOTTLE DISPENSE SYSTEM</strong></td>
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<tr>
<td>BOND-A-MATIC® 3000 DISPENSER 0-15 psi</td>
<td>982719</td>
<td>Dot, Drop, Bead</td>
<td>Gel Adhesives, Instant Adhesives, Light Cure/Acrylics</td>
<td>200 ml bottle</td>
<td>Low</td>
<td>N/A</td>
<td>Dispense Tips and Accessories – Pages 182-186</td>
</tr>
<tr>
<td>BOND-A-MATIC® 3000 DISPENSER 0-100 psi</td>
<td>982722</td>
<td></td>
<td></td>
<td></td>
<td>Medium to High</td>
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<tr>
<td><strong>SYRINGE DISPENSING SYSTEMS</strong></td>
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<tr>
<td>POSI-LINK™ DISPENSING SYSTEM</td>
<td>See Page 183</td>
<td>Dot, Drop, Bead</td>
<td>Gel Adhesives, Instant Adhesives, Light Cure/Acrylics</td>
<td>Prepackaged 5 ml syringe</td>
<td>Low to Paste</td>
<td>Yes</td>
<td>Dispense Tips and Accessories – Pages 184-185</td>
</tr>
<tr>
<td>PRECISION SYRINGE DISPENSING SYSTEM</td>
<td>97006*</td>
<td>Dot, Drop, Bead</td>
<td>Gel Adhesives, Instant Adhesives, Light Cure/Acrylics</td>
<td>3 ml syringe</td>
<td>Low to Paste</td>
<td>Yes</td>
<td>Syringe Accessories – Page 184</td>
</tr>
<tr>
<td>DIGITAL SYRINGE DISPENSING SYSTEM</td>
<td>883976</td>
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<td><strong>TUBE BONDING</strong></td>
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<tr>
<td>LIGHT CURE ACRYLIC ADHESIVE DISPENSING SYSTEM</td>
<td>98445</td>
<td>Beads on tubing OD</td>
<td>Light Cure/Acrylics</td>
<td>2.0 mm to 6.0 mm ID tubing</td>
<td>Low</td>
<td>N/A</td>
<td></td>
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</tbody>
</table>

* Syringe Airline Adapter sold separately. Visit www.equipment.loctite.com for all available accessories.

<table>
<thead>
<tr>
<th><strong>LOCTITE® PRODUCT</strong></th>
<th><strong>ITEM NUMBER</strong></th>
<th><strong>PRESSURE REGULATION</strong></th>
<th><strong>USED TO DISPENSE</strong></th>
<th><strong>PACKAGE TYPES &amp; SIZES</strong></th>
<th><strong>VISCOSITY RANGE</strong></th>
<th><strong>LOW LEVEL SENSING</strong></th>
<th><strong>FOR MORE INFORMATION</strong></th>
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<tbody>
<tr>
<td><strong>INTEGRATED RESERVOIR CONTROLLERS</strong></td>
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<td>INTEGRATED SEMI-AUTOMATIC DISPENSER</td>
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<tr>
<td>1390322</td>
<td>0 to 15 psi</td>
<td>Gel Adhesives, Instant Adhesives, Light Cure/Acrylics</td>
<td>250 ml bottle</td>
<td>Low to Medium</td>
<td>Yes</td>
<td>Dispense Tips and Accessories – Pages 182-186</td>
<td></td>
</tr>
<tr>
<td>1390321</td>
<td>0 to 100 psi</td>
<td></td>
<td>1 lb. bottle</td>
<td>Medium to High</td>
<td>Yes</td>
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<td><strong>RESERVOIRS</strong></td>
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<tr>
<td>BOND-A-MATIC® 3000 RESERVOIR</td>
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<tr>
<td>982720</td>
<td>0 to 15 psi</td>
<td>Gel Adhesives, Instant Adhesives, Light Cure/Acrylics</td>
<td>250 ml bottle</td>
<td>Low to Medium</td>
<td>Yes</td>
<td>Dispense Tips and Accessories – Pages 182-186</td>
<td></td>
</tr>
<tr>
<td>982726</td>
<td></td>
<td></td>
<td>1 lb. bottle</td>
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<tr>
<td>982723</td>
<td>0 to 100 psi</td>
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<td>1 liter bottle</td>
<td>Medium to High</td>
<td>Yes</td>
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<td>982727</td>
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<td>2 kg bottle</td>
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</tbody>
</table>

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