WE WORK CLOSELY WITH OUR CUSTOMERS

PLEXUS

PLEXUS is a world leader in performance polymers, a global supplier of thermoplastic solutions targeting industries and manufacturers.

We work closely with our customers to provide them with value-added solutions, and are committed to the continuous delivery of superior technical support and expertise, premium quality products and ongoing R&D delivers.

QUALITY POLICY

PLEXUS is committed to consistently meeting customer requirements by providing consistently high-quality products and services and by encouraging continuous improvements in Kingdom and daily operations.

REACH

PLEXUS has successfully implemented all necessary measures in line with REACH legislation. Relevant registration, where appropriate, will continue to be our focus to remain compliant with EU REACH regulations. We are committed to provide a greater responsibility to industry by managing the data from chemicals and communicating regulatory information to the substances within our supply chain.

ISO CERTIFIED

PLEXUS is ISO 9001 and ISO 14001 certified and we ensure that our product and process management systems meet the standard requirements.

INSPIRED BONDING SOLUTIONS

PLEXUS is world-renowned for manufacturing and distributing highly engineered fastening, joining and sealing technologies.

Our patented structural adhesives bond nearly all thermoplastics, metals and composite materials providing extremely durable bonds with little or no surface preparation. A proven record of outstanding performance in the most demanding applications makes Plexus adhesives a viable and competitive alternative to both polyurethane and epoxies.

Would you like to improve your productivity and create better value products? The answer could be in your structured adhesives. The Plexus team understands how demanding today’s production environments are but that’s why we take pride in providing you with solutions and innovative solutions, regardless of the industry you are in.

CORE SHELL TECHNOLOGY

Enhanced resistance to impact, impact, fatigue and thermal stress.

The ability of Plexus structural adhesives to absorb energy without catastrophic failure is achieved by our patented core-shell impact modifiers.

PLEXUS core-shell technology offers resistance to high speed, bending, fatigue and thermal stresses with no sacrifice to other properties.

Our commitment to quality is defined in every adhesive system we produce, providing our customers with confidence in the reliability and consistency of our products.

Due to the many potential variations in substrates and surface conditions, Plexus strongly recommends all assemblies be tested with the substrate mitigation in the anticipated service condition to determine suitability.
<table>
<thead>
<tr>
<th>Adhesive</th>
<th>Description</th>
<th>Colour</th>
<th>Mix ratio</th>
<th>Variability</th>
<th>Noise</th>
<th>Future use</th>
<th>Iron</th>
<th>Steel (2-day)</th>
<th>Zinc</th>
<th>Copper</th>
<th>Stainless</th>
<th>Other</th>
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<tbody>
<tr>
<td>MAK05</td>
<td>All purpose high strength</td>
<td>Grey</td>
<td>1:1</td>
<td>3-8</td>
<td>12-19</td>
<td>60,4-96</td>
<td>5-15</td>
<td>3-5</td>
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<tr>
<td>MAK10</td>
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<td>Grey</td>
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<td>14-30</td>
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<tr>
<td>MAK20</td>
<td>Exceedingly low temperature</td>
<td>Grey</td>
<td>1:1</td>
<td>6-12</td>
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<td>120-240</td>
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<tr>
<td>MAK20</td>
<td>All purpose toughened adhesives</td>
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<tr>
<td>MAK22</td>
<td>All purpose, medium open time</td>
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<td>35-45</td>
<td>11-15,3</td>
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<tr>
<td>MAK25</td>
<td>All purpose, with long open time</td>
<td>Blue</td>
<td>1:1</td>
<td>35-40</td>
<td>60-90</td>
<td>11-15,3</td>
<td>120-140</td>
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<tr>
<td>MAK25</td>
<td>All purpose, with open time</td>
<td>Grey</td>
<td>1:1</td>
<td>8-14</td>
<td>15-19</td>
<td>120-140</td>
<td>9.5</td>
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<tr>
<td>MAK30</td>
<td>Metal, fiber, with UV stabilizer</td>
<td>Grey</td>
<td>1:1</td>
<td>50-70</td>
<td>200-240</td>
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<tr>
<td>MAK40</td>
<td>All purpose, long open time, high</td>
<td>Grey</td>
<td>1:1</td>
<td>50-60</td>
<td>200-240</td>
<td>11-15</td>
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<tr>
<td>MAK102</td>
<td>Metal + fiber + medium open time</td>
<td>Grey</td>
<td>1:1</td>
<td>12-18</td>
<td>60-40</td>
<td>15-18</td>
<td>&gt;50</td>
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<td>1:1</td>
<td>12-18</td>
<td>60-40</td>
<td>15-18</td>
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<td>MAK120</td>
<td>Galvanized Metal + fiber + medium time</td>
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<td>60-40</td>
<td>15-18</td>
<td>&gt;50</td>
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<td>MAK20</td>
<td>Low VOC general purpose</td>
<td>Black</td>
<td>1:1</td>
<td>4-6</td>
<td>15-19</td>
<td>10-15</td>
<td>&gt;60</td>
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<tr>
<td>MAK20</td>
<td>Very low VOC general purpose</td>
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<td>10-15</td>
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<td>Non-VOC high gap fill adhesive</td>
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<td>15-20</td>
<td>9.5-11</td>
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<td>Non-VOC high gap fill long open time</td>
<td>Black</td>
<td>1:1</td>
<td>4-6</td>
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<td>MAK20</td>
<td>Conductive for copper sensitive plastics</td>
<td>Grey</td>
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<td>12-15</td>
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<tr>
<td>MAK30</td>
<td>All purpose, fast setting adhesives</td>
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<td>4-6</td>
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<td>9.5-11</td>
<td>75-150</td>
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</table>
MARINE
Within the Marine industry, our syringe applicators can help streamline production and reduce cost while ensuring the required finish on all surfaces. This provides a significant advantage to the entire industry.

- Copper foam laminated joints
- Robust bonding and curing of galvanized
- Gap fill of up to 3 mm
- Filler and water resistant

AUTOMOTIVE
Fast, on-site assembly of composites, panels, and underbody parts is made easier with our syringe applicators. This ensures a faster and more efficient production process.

- Speed production
- Epoxy mixes & production
- High strength & durability
- freezer-application technology

WIND ENERGY
Our high-performance adhesives are designed to meet the exact production requirements of a variety of construction applications. These adhesives are made to handle various weather conditions and can be used in numerous projects worldwide.

- Static temperature setting
- Epoxy performance owing durability
- Wind and weather resistance
- freezer-application technology

ENGINEERED CONSTRUCTION
Our high-performance adhesives are designed to meet the exact production requirements of a variety of construction applications. These adhesives are made to handle various weather conditions and can be used in numerous projects worldwide.

- Static temperature setting
- Epoxy performance owing durability
- Wind and weather resistance
- freezer-application technology

AGRICULTURAL
Our high-performance adhesives are designed to meet the exact production requirements of a variety of construction applications. These adhesives are made to handle various weather conditions and can be used in numerous projects worldwide.

- Static temperature setting
- Epoxy performance owing durability
- Wind and weather resistance
- freezer-application technology