Product Protection
Innovative Solutions Provider
Caps | Plugs | Netting | Containers | Tubing | Shercon Masking
As a market leader with over 60 years of experience in product protection, Caplugs develops the most innovative, cost-efficient solutions across many industries. With six manufacturing facilities and sales representatives around the world, we have the regional presence you require and the support you can count on.

We provide the protection solution you’re looking for. From either one of our 15,000+ standard parts that are always in stock and ready to ship, or by working with you to design a custom part that meets your exact specifications.

Over 400,000,000 parts in stock.
10,000,000 parts produced per day.
Over 15,000 standard parts.
Over 200 molding machines.
Over 15 engineers.
6 manufacturing facilities.
The 1 partner you need.

Molding Processes
We employ the latest in molding technologies to produce a vast array of parts that perform in a wide range of protective applications.

In-House Engineering
A team of in-house design engineers will consult one-on-one with you to determine the best solution that meets all your requirements.

Quality Management Systems
We implement the strictest quality management processes to ensure consistent, quality products.

Technical Support
Experienced teams of technical sales and customer service representatives are available to help you every step of the way.

Expertise in serving multi-national customers for 60+ years
With a **broad range** of rubber molding capabilities and a full staff of experienced **engineering experts**, Caplugs can meet your **exacting requirements** from part design to tooling to full volume production.

**Engineered To Your Specifications**

Our knowledgeable engineers will work with you one-on-one to design a component fit for your specific applications and determine the best process to meet your needs. Our in-house rubber molding capabilities include:

- **Compression Molding**
- **Transfer Molding**
- **Injection Molding**

In addition to a close collaboration with engineers, innovative design software is utilized to create an efficient and effective solution using 3D models. With over 70 presses between 100 and 500 tons and one 1,200 ton press, we have the advanced resources to deliver projects quickly, accurately and economically.

**Custom Molded Masks**

Caplugs can help you solve your masking challenge – no matter how big or small. Your dedicated project team will work with you from design and production to fulfillment – quickly and cost-effectively.

<table>
<thead>
<tr>
<th>Material</th>
<th>Finishing Process</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paintball gun mask</td>
<td>EPDM</td>
<td>Powder coating</td>
</tr>
<tr>
<td>Air valve mask</td>
<td>Ultrabake™</td>
<td>Anodizing</td>
</tr>
<tr>
<td>Sprocket pulley mask</td>
<td>Ultrabake™</td>
<td>Chrome plating</td>
</tr>
<tr>
<td>10-stud axle mask</td>
<td>EPDM</td>
<td>Wet paint</td>
</tr>
</tbody>
</table>

**Compound Mixing**

- Ingredients are weighed and mixed in Banbury-style tilt mixers
- Compounds are rested
- Curing agents are added
- We perform MDR, SG, hardness, tensile and elongation tests on every batch

- Additional tests are performed based on customer need and our internal control plan; heat aging, compression set, ozone resistance, low temperature brittleness, staining, etc.
- Caplugs can mix the right compound for your unique application
If one of our standard parts does not meet your exact needs, allow our team of in-house engineers to design a custom part for you. We will take you through every step of the process, from design and prototyping to tooling and production.

In-House Engineers
Caplugs has the largest and most experienced engineering staff in product protection.

With our unique expertise, the latest equipment and technology, an in-house tool room and a wide array of material options, your solution can be produced quickly and economically.

Products & Capabilities
Caplugs produces over 10 million caps, plugs, tapes, die-cuts, hooks and racks per day. And our advanced production capabilities deliver the most efficient, consistent and timely solutions to our customers.

Injection Molding
- 9 to 700 ton presses
- Quick-change procedures
- Interchangeable molding system

Compression Molding
- 100 to 1,200 ton presses
- Prototypes in 15 days
- Capable of rubber-to-metal bonding

Vinyl Dip-Molding
- Variety of shapes, sizes and colors
- Inexpensive tooling with quick turnaround

Extrusion
- Tubing, netting, edge liners and other profiles
- Cut to desired length in-line or run in spools

Vinyl Coating
- Bond protective and attractive vinyl coating to any metal piece
- Ideal for ergonomic applications

Part Modification
We can also alter existing parts through secondary operation processes including pad printing, slicing, cutting or hole punching.
Let our design engineers collaborate with you to develop a custom solution from a full range of in-house capabilities — we take you through design and prototyping to tooling and production. Whether it’s a large diameter part or a small, precision piece — we’ll create exactly what you need from a wide array of material options.

**In-House Custom Process:**
- Concept and Design
- Rapid Prototyping
- In-House Tool Fabrication
- Full Production Capability
- Component Approval Process
- Special Packaging
- Inventory Management

**SELECTOR GUIDE**

**tapered caps & plugs**

- T SERIES Tapered body with snap fit in cap/plug
- TV SERIES Flexible neck cap
- W SERIES Wide, thick flange cap/plug
- WW SERIES Extra wide, thick flange cap/plug
- WWX SERIES Extra wide, thick flange cap/plug

**caps**

- non-threaded
  - AS138 SERIES Electrical connector doll caps
  - C SERIES Straight body dolly caps
  - CB SERIES Central cable connector caps
  - CC SERIES Flange covers
  - CE SERIES Plastic caps for threaded pipe ends
  - CEC SERIES Conductive caps for threaded and non-threaded connectors
  - CLT SERIES Standard duty cap, thread well casing
  - COF SERIES Round caps for tubing and rods
  - CST SERIES Standard duty short thread well casings
  - DCC SERIES D-subminiature connectors
  - DCF SERIES D-subminiature connectors with flared shells
  - DP SERIES For ITT Cannon-style connectors
  - DS SERIES Non-sloping conductive caps
  - EC SERIES Caps for threaded or smooth connectors
  - EMC SERIES Caps for champ-type connectors
  - EPN-240 SERIES Recessed pipe caps
  - EPN-250 SERIES Recessed pipe end protectors
  - EPN-310 SERIES Outside fitting protectors
  - EVC SERIES Ergonomic molded caps
  - EZC SERIES Non-threaded caps for NPT fittings
  - FAF SERIES Full face protectors
  - FAN SERIES Flange covers with bolt holes
  - FAR SERIES Raised face protectors
  - FCO SERIES Flap closure D PVC caps
  - FCR SERIES Heavy wall caps for round tubing
  - FF SERIES Flare faces, hexagonal and triangular caps
  - FFP SERIES Finger lock flange covers
  - FI SERIES Fits all standard injectors
  - FN SERIES Flange covers, non corrosive
  - FPC SERIES Fabricated pipe caps
  - FTC SERIES Caps for stainless steel and mild assemblies
  - GC SERIES Equal valued grease fitting caps
  - HC SERIES Hose caps for tube and hose ends
  - HEX SERIES Hexagonal caps
  - HSF SERIES Caps for split flange hydraulic connections
  - J SERIES Tear tab caps for NPT pipe threads
  - JS SERIES Tear tab caps for straight threads
  - MCN-TCP SERIES Plastic tethered caps
  - MCN-TCS SERIES Silicone tethered caps
  - MDC SERIES Caps for Micro-D connectors
  - MJ SERIES Tear tab caps for straight metric threads
  - MJS SERIES Tear tab caps for straight metric threads
  - MO SERIES Mobile oxygen caps
  - MSC SERIES Non-sloping conductive caps
  - MOC SERIES Mobile oxygen caps
  - NUO SERIES Standard duty non-sloping end tubing protection
  - O SERIES Open end thread protectors
  - OF SERIES Caps for long threaded connectors
  - PCAP SERIES Preformed style protective caps for tubing and storage

**Need a unique shape? Size? Color? Material? Process requirements? We can help.**
### packaging & netting

<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CBW SERIES</td>
<td>Cut Bottle-Web® netting</td>
</tr>
<tr>
<td>CSV SERIES</td>
<td>Conduit square vial protective barriers</td>
</tr>
<tr>
<td>CWS SERIES</td>
<td>Cut Sleeve-Web® netting</td>
</tr>
<tr>
<td>CVC SERIES</td>
<td>Flanged containers</td>
</tr>
<tr>
<td>CVV SERIES</td>
<td>Flare piece malleable iron castings</td>
</tr>
<tr>
<td>PKGC SERIES</td>
<td>Packaging caps</td>
</tr>
<tr>
<td>PMW SERIES</td>
<td>Full hole netting</td>
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</tbody>
</table>

### pipe & flange

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>SCP SERIES</td>
<td>Shipping cap protectors</td>
</tr>
<tr>
<td>STP SERIES</td>
<td>Stainless tube plugs for packaging tubes</td>
</tr>
<tr>
<td>SW SERIES</td>
<td>Sleeve-Web® netting</td>
</tr>
<tr>
<td>SWI SERIES</td>
<td>Standard duty Sleeve-Web® with rust inhibitor</td>
</tr>
<tr>
<td>TE SERIES</td>
<td>Tube end plugs</td>
</tr>
<tr>
<td>TE-VNG SERIES</td>
<td>Tube end plugs with tabs</td>
</tr>
<tr>
<td>TE-TAB SERIES</td>
<td>Tube end plugs with tabs</td>
</tr>
</tbody>
</table>

### more protection

<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRC SERIES</td>
<td>Crossed over tubing</td>
</tr>
<tr>
<td>TRO SERIES</td>
<td>Open end tubing</td>
</tr>
<tr>
<td>TSC SERIES</td>
<td>Square closed end tubing</td>
</tr>
<tr>
<td>TSO SERIES</td>
<td>Square open end plugs</td>
</tr>
<tr>
<td>VHC SERIES</td>
<td>Vinyl hanger caps</td>
</tr>
<tr>
<td>VGR SERIES</td>
<td>Vinyl grips</td>
</tr>
</tbody>
</table>

### medical

<table>
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<tr>
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<tbody>
<tr>
<td>CVC SERIES</td>
<td>Flanged containers</td>
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<tr>
<td>CVV SERIES</td>
<td>Flare piece malleable iron castings</td>
</tr>
<tr>
<td>EVC SERIES</td>
<td>Ergonomic wrapped caps</td>
</tr>
<tr>
<td>MCN-TCP SERIES</td>
<td>Plastic tethered caps</td>
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<tr>
<td>MCN-TCS SERIES</td>
<td>Silicone tethered caps</td>
</tr>
<tr>
<td>MCN-TCV SERIES</td>
<td>Tethered caps</td>
</tr>
<tr>
<td>PINCH CLAMPS</td>
<td>Heat resistant clamps</td>
</tr>
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</table>

### pipe & flange (cont.)

<table>
<thead>
<tr>
<th>Series</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SF SERIES</td>
<td>Caps for split flange connections</td>
</tr>
<tr>
<td>SFP SERIES</td>
<td>Caps for split flange connections</td>
</tr>
<tr>
<td>SSG SERIES</td>
<td>Hammerring union protective locks</td>
</tr>
<tr>
<td>TLF SERIES</td>
<td>Toggler back flange covers</td>
</tr>
<tr>
<td>UDO SERIES</td>
<td>Standard duty external upset end tubing protection</td>
</tr>
<tr>
<td>VAS SERIES</td>
<td>Vent-a-Cap™</td>
</tr>
<tr>
<td>VVC SERIES</td>
<td>Vented pipe caps</td>
</tr>
</tbody>
</table>

### Selecta Guide

- Heat-resistant clamps
- Pinch clamps
- SLIDE CLAMPS: Closed design ensures the clamps stay with the tubing.
- PINCH CLAMPS: Heat resistant clamps
As a partner you can count on, Caplugs will listen to your challenges and provide the best solutions. We don’t just sell and ship parts, we’re here to ensure your needs are met with the right part that protects your product no matter what.

Markets Served:

- General Manufacturing
- Automotive
- Medical
- Masking
- Energy/Oil & Gas
- Hydraulics
- Electronics
- Packaging
- Finishing
- Aviation
- HVAC
- Fabrication
- Consumer

International
- Argentina
- Austria
- Belarus
- Belgium
- Brazil
- Canada
- China
- Czech Republic
- France
- Germany
- Israel
- Japan
- Mexico
- Poland
- Scandinavia
- Slovakia
- Switzerland
- United Kingdom

United States
- California
- New York
- Pennsylvania
- Texas

www.caplugs.com
Caplugs is the leader in product protection with manufacturing locations and sales representatives all over the world to serve every customer efficiently.

### Global Sales Team and Distribution

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