



# Reach New Heights with Caplugs

Protective Caps & Plugs | Masking Solutions | Hydraulic Component Protection | Electronic Connector & Component Protection



For more than 65 years, Caplugs has been the leader in product protection with innovative plastic and rubber molded components that solve industry-wide challenges for the aviation market. We have over 12,000 standard products that include plastic caps and plugs, netting, tubing, masking products, hose protection and other molded components.

If one of our 400 million parts in stock doesn't meet your needs, a dedicated team of in-house design engineers will collaborate with you every step of the way to develop a custom part to fit your exact requirements. We offer a wide range of molding processes, hundreds of material options and a stringent, certified quality management system.

As a global manufacturer with a world-class sales and service team, Caplugs is your trusted source – for plastic component solutions you can rely on.

Caplugs has been servicing the OEM & MRO customers in the aviation industry since 1948. We don't just sell parts – we're here to ensure your needs are met with the right part that protects your product or component during shipment, storage, assembly, repair, refurbishment and finishing processes. Caplugs' vast molding capabilities, aviation industry expertise and global reach make us an ideal partner and single source for all of your molded component needs.

## aviation solutions made easy

### most comprehensive product line and custom molding capabilities

- Over 12,000 parts in stock and ready to ship
- Broad range of product styles, sizes and materials
- Most extensive in-house custom capabilities
- Stringent quality management system to ensure consistent quality
- Proven supplier across a wide range of industries and applications for more than 65 years
- Full PPAP and FAIR compliance
- Wide variety of products that are MIL/NAS spec compliant

### unmatched service and support

- Responsiveness to match your fast-paced business needs
- Over 100 experts in the field
- Knowledgeable team of customer service representatives
- Expert technical support from our sales engineers
- Global coverage
- Comprehensive website with free samples and easy ordering



Aviation Solutions Made Easy



Caplugs parts have been used in an endless variety of aviation applications by OEMs, tier suppliers and MROs. We are a trusted supplier because we understand the specific demands of the aviation industry and are built to meet them. The wide range of molding processes and depth of our product line allow us to serve all areas of aviation with a variety of product used in an endless array of applications.

**Built for OEMs**

- Caps and plugs are used to protect open ports from impact and FOD
- Plastic parts are used to cushion delicate threads and other components from impact
- Hose guard protects hydraulic hoses during shipment and in use
- Hydraulic valve protection shields components during shipping before assembly
- Finishing parts, including plugs for open holes in sheet metal and caps for exposed tubing
- Tube and duct protection
- Wing and landing gear protection
- Stud protectors
- Bearing protectors

**Built for tier suppliers**

- When shipping delicate components to assembly plants, Caplugs parts are used to ensure the unit is secure during shipment and storage
- Protective parts are also designed to be assembly guides

*Printed with instructions*

*Designed to be removed before assembly, for example parts that can't be pushed into a hole*

**Built for MROs**

- Masking caps and plugs secure areas from finishing processes
- Masking tapes and window masks for paint stripping
- Edge liners and grommets refresh a refurbished component



**Protective Parts**

- Caps
- Plugs
- Netting



**Electronic Connector and Component Protection**

- Conductive
- Static dissipative
- Non-sloughing



**Masking**

- Caps and plugs
- Tapes and discs
- Custom die-cut shapes
- Kit assemblies



**Hydraulic Component Protection**

- Hose Guard
- Rubber Seals
- Valve Fitting Protection

*High performance materials are used in our molded components to offer parts that are fire-retardant, conductive, UV resistant, chemical resistant and more.*



Our products protect hundreds of different components within the aviation market. With 7 different processes to work with, we can select the one to most effectively and cost efficiently meet your specific needs:

Full in-house capabilities include:

- 3D modeling
- Rapid prototyping
- Advanced tool room
- 15 SolidWorks stations
- 3,000 production-ready custom molds available

We have **thousands of certified materials** to meet your performance needs, and our full staff of in-house engineers can also formulate and mix a custom compound for specific performance attributes and characteristics.



# Molding Processes

injection molding

vinyl dip-molding

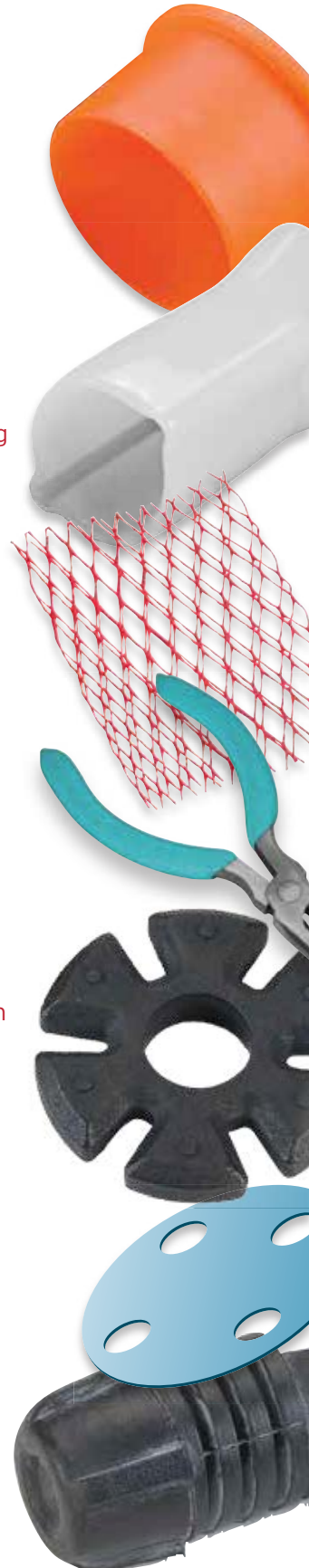
extrusion

vinyl coating

compression molding

die-cutting

transfer molding



## we're built for aviation

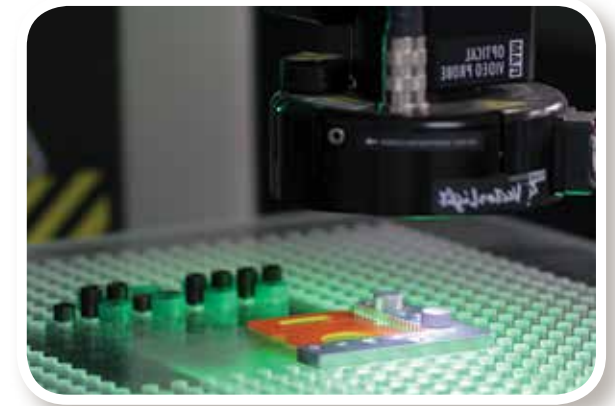
We understand the needs of the aviation industry and look forward to helping you soar with:

- > 24/7 customer support
- > Onsite visits from local sales team
- > 99% on-time delivery
- > JIT shipping if needed
- > EDI inbound and outbound documentation with third-party system
- > Advanced shipping notice
- > Inventory programs based on your planning documents
- > Quick quote turnaround
- > Fast turnaround on rapid functional prototypes



## quality certification

- New York, Pennsylvania, Shanghai and Hangzhou, China facilities certified to ISO 9001 and ISO/TS 16949
- California and Texas facilities certified to ISO 9001
- New York, Pennsylvania, California, Shanghai and Hangzhou, China certified to ISO 14001
- New York facility has a Class 8 clean room with a certified quality management system



## quality management system

Caplugs' stringent quality management systems ensure the necessary process controls to provide our customers with consistent, quality products.

Our Production Part Approval Process (PPAP) and FAIR compliance are important components of a comprehensive quality management system that provide traceability, record retention and strict process controls to ensure aviation supplier specifications are met.

- Over **400,000,000** parts in stock.
- 10,000,000** parts produced per day.
- Over **12,000** standard parts.
- Over **200** molding machines.
- Over **15** engineers.
- 6** global manufacturing facilities.
- The **1** partner you need.

Let our engineers collaborate with your team to develop unique solutions that meet your needs. To fully support our customers, we not only offer you a variety of custom molding capabilities, we have built an infrastructure that enables us to step in at any stage of your process.

### Comprehensive Collaboration

Our team takes you from R&D to prototyping through full production.

### Design Consultation and Production

Our team will review your team's designs and offer recommendations on performance features, such as material, installation ergonomics and more.

### Production Only

Your team develops the design, chooses the material and finalizes all other features of the part. Our team partners with you for production.

### caplugs comprehensive in-house process



#### 1 > Concept and Design

Dedicated technical sales specialists and engineers assigned to each project will design solution options with 3D modeling, compatible with all CAD platforms

#### 2 > Rapid Prototyping

Prototypes built in-house confirm fit requirements before production approval

#### 3 > In-House Tool Fabrication

Molds made in-house for greater process control, shorter lead times and easier modifications

#### 4 > Full Production Capability

From small volume runs to millions of parts

#### 5 > PPAP and FAIR Compliance

Formal verification that part design and production processes comply with all your specifications, including chemical and physical analysis and full lot traceability

#### 6 > Packaging

We can meet special requirements like polybagging and corrugate-free

#### 7 > Inventory Management

We can inventory parts for JIT, Kanban and other warehousing requirements

“Need a unique shape? Size? Color? Material? Process requirements? We can help.”

# selector guide

## protective caps and plugs



- > Wide selection of standard protective parts ideal for the aviation industry
- > Prevent FOD and damage during shipping and storage
- > Available in various materials, including plastic, vinyl, aluminum and more
- > Available in standard carton and mini-pack quantities



An economical vinyl material ideal for one-time use recommended for temperatures up to 500°F

### tapered caps and plugs

- T SERIES**  
Tapered body gives snug fit as cap/plug
- TV SERIES**  
Flexible injection-molded vinyl cap/plug
- W SERIES**  
Wide-flanged cap/plug
- WW SERIES**  
Wide, thick flange cap/plug
- WWX SERIES**  
Extra-wide, thick flange cap/plug

### threaded caps

- DC SERIES**  
Push-on threaded caps

### non-threaded caps

- C SERIES**  
Straight-sided utility caps
- CC SERIES**  
Flange covers
- CE SERIES**  
Plastic caps for threaded pipe ends
- COF SERIES**  
Round caps for tubing and rods
- EPN-240 SERIES**  
Recessed pipe caps
- EPN-250 SERIES**  
Bevel edge open-end protectors
- EPN-310 SERIES**  
Outside fitting protectors
- EVC SERIES**  
Ergonomic vented caps
- EZC SERIES**  
Non-threaded caps for NPT fittings
- FAN SERIES**  
Flange covers with bolt holes
- FCR SERIES**  
Heavy-wall caps for round tubing
- FF SERIES**  
Square, hexagonal and triangular caps
- FFP SERIES**  
Finger-lock flange covers
- FPC SERIES**  
Fabricated pipe caps
- FTC SERIES**  
Caps for flareless tube and nut assemblies
- GC SERIES**  
Color-coded grease fitting caps
- J SERIES**  
Tear-tab caps for NPT pipe threads
- JS SERIES**  
Tear-tab caps for straight threads
- MOC SERIES**  
Mobile oxygen caps
- OE SERIES**  
Open-end thread protectors
- OF SERIES**  
Caps for long-threaded connectors
- PKGC SERIES**  
Packaging caps
- PM SERIES**  
Push-on metric caps
- PN SERIES**  
Push-on caps for NPT fittings
- PO SERIES**  
Push-on caps for straight threads
- PSC SERIES**  
Straight-sided paper caps
- PTC SERIES**  
Tapered paper caps
- PZC SERIES**  
Multi-purpose caps/plugs
- RH/RHW SERIES**  
Finishing and protection for raised-head screws
- SC-SH SERIES**  
Silicone caps
- SF SERIES**  
Caps for split-flange connections
- SFC SERIES**  
Silicone flange caps
- TS SERIES**  
Tapered silicone caps and plugs
- UVCP-SH SERIES**  
Silicone venting cap/plug
- W SERIES**  
Wide-flanged cap/plug
- WC-SH SERIES**  
Silicone washer caps
- WW SERIES**  
Wide, thick flange cap/plug
- WWX SERIES**  
Extra-wide, thick flange cap/plug
- ZC-SH SERIES**  
Zerk caps

### vinyl caps

- AN SERIES**  
Vinyl caps for AN-style fittings
- EZ SERIES**  
Flexible vinyl, EZ-pull caps
- HCR SERIES**  
Flex500® high-temperature caps
- HEZ SERIES**  
Flex500® flexible caps with pull-tab
- HFC SERIES**  
Flex500® flexible caps with flat pull-tab
- HVC SERIES**  
Flex500® flexible round caps
- MS SERIES**  
Vinyl hex caps for MS-style fittings
- USB-A SERIES**  
Caps for Type A female ports
- VAC SERIES**  
Vinyl angle caps
- VAS SERIES**  
Vinyl ASA flange covers
- VC SERIES**  
Flexible vinyl caps
- VCF SERIES**  
Round vinyl caps with flange
- VF SERIES**  
Vinyl flange covers
- VHC SERIES**  
Vinyl hanger caps
- VMF SERIES**  
Vinyl "U" shaped caps
- VRF SERIES**  
Flat-topped vinyl caps and grips
- VRR SERIES**  
Rounded-top vinyl caps and grips
- VSR SERIES**  
Caps for flanged and flange mounted fittings
- VTC SERIES**  
Vinyl tethered caps
- VVC SERIES**  
Vented vinyl caps































### non-threaded plugs

- BN-SH SERIES**  
Black neoprene plugs
- BP SERIES**  
Button plugs with recessed-type heads
- BPF SERIES**  
Button plugs with flush-type heads
- BPFE SERIES**  
Ergonomic button plugs with flush-type heads
- CCF SERIES**  
Plugs for round tubing
- CEP SERIES**  
Conductive plugs for threaded connectors
- CT SERIES**  
Plugs for Type L and Type M tubing
- DFPP-SH SERIES**  
Dual-flanged pull plugs
- DO SERIES**  
Dome, ribbed tubing plugs
- DOP SERIES**  
Dome plugs
- DP SERIES**  
Conductive caps/plugs
- E SERIES**  
Utility plugs
- EP SERIES**  
Plugs for threaded connectors
- EPN-305 SERIES**  
Push-in protectors
- EZP SERIES**  
NPT plugs
- FBH SERIES**  
Bolt hole plugs
- FC SERIES**  
Snap-in flange protectors
- FLGV SERIES**  
Valve flange protectors
- FP SERIES**  
Finishing plugs for square tubing
- FP-SH SERIES**  
Rubber flangeless plugs
- GN-SH SERIES**  
Green neoprene plugs
- HFPP-SH SERIES**  
Hollow-flanged pull plugs
- HUP-SH SERIES**  
Hollow silicone plugs
- HUPH-SH SERIES**  
Hollow silicone plugs with handles
- HWP-SH SERIES**  
Hollow washer plugs
- IEC SERIES**  
Plugs for female connectors
- K SERIES**  
Plugs for round tubing
- MPP SERIES**  
Multi-purpose snap-in plugs
- MSC SERIES**  
ESD connector plugs
- MSP-SH SERIES**  
Extra long silicone plugs
- MT-SH SERIES**  
Mouse-tail pull plugs
- OT SERIES**  
Plugs for Type K style tubing
- PP-SH SERIES**  
EPDM pull plugs
- PTP SERIES**  
Tapered paper plugs
- PZP SERIES**  
Unified plugs
- RCK-SH SERIES**  
Regular cork plugs
- RER SERIES**  
Rectangular load-bearing plugs
- RERV SERIES**  
Flexible rectangular load-bearing plugs
- RJ SERIES**  
RJ45 ethernet jack protective plug
- RSP-SH SERIES**  
Rubber resealable plugs










# selector guide

## protective caps and plugs (cont.)







### non-threaded plugs

 <b>SCK-SH SERIES</b> Short cork plugs	 <b>SEP SERIES</b> Static dissipative plugs for threaded connectors	 <b>SFP SERIES</b> Covers for split-flange connections	 <b>SFP-SH SERIES</b> Silicone flanged cap/plug	 <b>SH SERIES</b> Finishing plugs for socket head screws	 <b>SP-SH SERIES</b> Silicone step plugs	 <b>SPP-SH SERIES</b> Silicone pull plugs	 <b>SPT SERIES</b> Side pull-tab plugs
 <b>SOR SERIES</b> Square load-bearing plugs	 <b>SORV SERIES</b> Flexible square load-bearing plugs	 <b>STC SERIES</b> Snap-to-connect plugs	 <b>STP SERIES</b> Shallow tube plugs for packaging tubes	 <b>STPS-SH SERIES</b> Self-threading plugs	 <b>SWP SERIES</b> Silicone washer plugs	 <b>T SERIES</b> Tapered caps and plugs	 <b>TE SERIES</b> Tube end plugs
 <b>TLF SERIES</b> Toggle lock flange covers	 <b>UDPP-SH SERIES</b> Silicone dual purpose plugs	 <b>UFP-SH SERIES</b> Silicone flangeless plugs	 <b>UHCP-SH SERIES</b> Silicone hollow cone plugs	 <b>UMFP-SH SERIES</b> Silicone multi-flanged plugs	 <b>UPH-SH SERIES</b> Silicone plugs with handles	 <b>UP-SH SERIES</b> Silicone plugs	 <b>USB-B SERIES</b> Plugs for Type B female ports
 <b>UTM-SH SERIES</b> Silicone thread masks	 <b>UW-SH SERIES</b> Silicone washer plugs	 <b>UWPP-SH SERIES</b> Silicone washer pull plugs	 <b>UWPPLS-SH SERIES</b> Silicone washer pull plugs - long series	 <b>W SERIES</b> Tapered caps and plugs with wide flanges	 <b>WPT SERIES</b> Extra-wide flange center pull tab		

### threaded plugs

 <b>DPN SERIES</b> Threaded (UN and UNS) plugs	 <b>MSP SERIES</b> Slotted-head plastic plugs for metric-threaded ports	 <b>MT SERIES</b> Metric sealing plugs	 <b>P SERIES</b> Plastic threaded plugs for pipe fittings	 <b>PD SERIES</b> Threaded plastic plugs for flared JIC fittings	 <b>PDE SERIES</b> Threaded plastic plugs for flareless tube and nut assemblies	 <b>TH SERIES</b> Hex socket threaded plugs	 <b>TM SERIES</b> Metric general-purpose plugs
 <b>UT SERIES</b> Unified sealing plugs							

### vinyl plugs

 <b>HETV SERIES</b> High-temp vinyl Flex500® external thread plugs	 <b>HTP SERIES</b> High-temp vinyl Flex500® tapered plugs	 <b>HVTP SERIES</b> High-temperature vinyl Flex500® tapered plugs	 <b>TP SERIES</b> Tapered vinyl plugs	 <b>TV SERIES</b> Flexible vinyl tapered caps and plugs	 <b>VTP SERIES</b> Flexible vinyl tapered plugs		
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## masking solutions



- > Masking products used in all finishing processes
- > Protection to endure chemical stripping, media blasting and other corrosive processes
- > Designed to mask and protect parts in production, as well as parts being prepared to receive finish coatings
- > Materials include fully cured silicone that removes cleanly and are compatible with the latest coatings and cure temperatures to optimize performance and minimize cost




An economical vinyl material ideal for one-time use recommended for temperatures up to 500°F

### caps



 <b>HCR SERIES</b> Flex500® high-temperature caps	 <b>HEZ &amp; EZ SERIES</b> Flex500® flexible caps with pull-tab	 <b>HFC &amp; VFC SERIES</b> Flex500® flexible caps with flat pull-tab	 <b>HJS SERIES</b> Flex500® flexible tear-tab caps	 <b>HVC &amp; VC SERIES</b> Flex500® flexible round caps	 <b>PSC SERIES</b> Straight paper caps	 <b>PTC SERIES</b> Tapered paper caps	 <b>RMCP-SH SERIES</b> Rubber masking cap/plug
 <b>SC-SH SERIES</b> Silicone caps	 <b>SFC SERIES</b> Silicone flange caps	 <b>SFP-SH SERIES</b> Silicone flanged cap/plug	 <b>SRC-SH SERIES</b> Silicone grounding caps	 <b>TS SERIES</b> Tapered silicone cap/plug	 <b>UVCP-SH SERIES</b> Silicone venting cap/plug	 <b>WC-SH SERIES</b> Silicone washer caps	 <b>ZC-SH SERIES</b> Silicone zerk caps

### plugs

 <b>BN-SH SERIES</b> Black neoprene plugs	 <b>DFPP-SH SERIES</b> Dual-flanged pull plugs	 <b>FP-SH SERIES</b> Rubber flangeless plugs	 <b>GN-SH SERIES</b> Green neoprene plugs	 <b>HETV &amp; ETV SERIES</b> Flex500® external thread plugs	 <b>HFPP-SH SERIES</b> Hollow-flanged pull plugs	 <b>HTP &amp; TP SERIES</b> Flex500® tapered vinyl plugs	 <b>HUP-SH SERIES</b> Hollow silicone plugs
 <b>HUPH-SH SERIES</b> Hollow silicone plugs with handles	 <b>HVTP &amp; VTP SERIES</b> Flex500® tapered vinyl plugs	 <b>HWP-SH SERIES</b> Hollow washer plugs	 <b>MPP-SH SERIES</b> Multi-purpose plugs	 <b>MSP-SH SERIES</b> Extra long silicone plugs	 <b>MT-SH SERIES</b> Mouse-tail pull plugs	 <b>PP-SH SERIES</b> EPDM pull plugs	 <b>PTM-SH SERIES</b> Pipe thread silicone mask cap/plug
 <b>PTP SERIES</b> Tapered paper plugs	 <b>RCK-SH SERIES</b> Regular cork plugs	 <b>RMCP-SH SERIES</b> Rubber masking cap/plug	 <b>SCK-SH SERIES</b> Short cork plugs	 <b>SFP-SH SERIES</b> Silicone-flanged cap/plug	 <b>SHPP-SH SERIES</b> Silicone hollow pull plugs	 <b>SP-SH SERIES</b> Silicone step plugs	 <b>SPP-SH SERIES</b> Silicone pull plugs

masking solutions (cont.)

plugs

 <b>STPS-SH SERIES</b> Self-threading plugs	 <b>SWP SERIES</b> Silicone washer plugs	 <b>TS SERIES</b> Tapered silicone cap/plug	 <b>UDPP-SH SERIES</b> Silicone dual-purpose plugs	 <b>UFP-SH SERIES</b> Silicone flangeless plugs	 <b>UHCP-SH SERIES</b> Silicone hollow cone plugs	 <b>UMFP-SH SERIES</b> Silicone multi-flanged plugs	 <b>UP-SH SERIES</b> Silicone plugs
 <b>UPH-SH SERIES</b> Silicone plugs with handles	 <b>UTM-SH SERIES</b> Silicone thread masks	 <b>UVCP-SH SERIES</b> Silicone venting cap/plug	 <b>UW-SH SERIES</b> Silicone washer plugs	 <b>UWM-SH SERIES</b> Silicone washer masks	 <b>UWPP-SH SERIES</b> Silicone washer pull plugs	 <b>UWPPLS-SH SERIES</b> Silicone washer pull plugs - long series	

miscellaneous masking and kits


















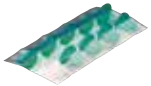
 <b>CSC SERIES</b> Clear stretchable covers	 <b>EP58-SH SERIES</b> Edge protectors	 <b>MDT-SH SERIES</b> Multi-diameter silicone tubing	 <b>MKITS HVC SERIES</b> Flex500 vinyl masking kit	 <b>MKITS VC SERIES</b> Standard vinyl masking kit	 <b>SK-SH SERIES</b> Masking starter kits	 <b>ST-SH SERIES</b> Silicone tubing	 <b>UC-SH SERIES</b> Silicone cord
 <b>US-SH SERIES</b> Silicone sheeting	 <b>UST-SH SERIES</b> Silicone star tubing						

masking tapes







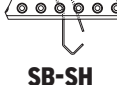




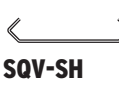




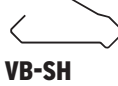
 <b>22-SH SERIES</b> Amber polyimide masking tape	 <b>KD11-SH SERIES</b> Off-white crepe paper masking tape	 <b>PC11-SH SERIES</b> Red polyester masking tape	 <b>PC198-SH SERIES</b> White glass cloth masking tape	 <b>PC21-SH SERIES</b> Green polyester masking tape	 <b>PC25-SH SERIES</b> Green heavy-duty polyester masking tape	 <b>PC30-SH SERIES</b> Yellow polyester masking tape	 <b>PC90-SH SERIES</b> Blue polyester masking tape
 <b>BT100-SH SERIES</b> Rubber blasting tape	 <b>SRT-SH SERIES</b> Silicone tape						

masking solutions (cont.)

masking die-cuts

 <b>AD-SH SERIES</b> Tan vinyl masking discs	 <b>AF-SH SERIES</b> Silver aluminum foil masking discs	 <b>AIR-SH SERIES</b> Kiss-cut crepe paper or aluminum masks for aircraft windows	 <b>AR-SH &amp; CD-SH SERIES</b> Identification arrows and dots	 <b>EV-SH SERIES</b> White vinyl masking discs	 <b>EZ-SH SERIES</b> Off-white crepe paper masking discs	 <b>GC-SH SERIES</b> White glass cloth masking discs	 <b>KD-SH SERIES</b> Off-white crepe paper masking discs
 <b>KP-SH SERIES</b> Amber polyimide masking discs	 <b>LF-SH SERIES</b> Silver lead foil masking discs	 <b>PB-SH SERIES</b> Blue polyester masking discs	 <b>PC-SH SERIES</b> Green polyester masking discs	 <b>PC-SH SERIES RECTANGLE</b> PC21 green polyester die-cut tape rectangles	 <b>PC-SH SERIES SQUARE</b> PC21 green polyester die-cut tape squares	 <b>PCD-SH SERIES</b> PC21 green polyester die-cut tape donuts	 <b>PR-SH SERIES</b> Red polyester masking discs
 <b>TF-SH SERIES</b> Grey Teflon masking discs	 <b>WBD-SH SERIES</b> Wishbone discs						

hooks, bars and racks

 <b>BCB-SH SERIES</b> Modular rack bottom cross bar	 <b>C-SH SERIES</b> Designed for powder and e-coating processes	 <b>CB-SH SERIES</b> Modular rack rectangular cross bar	 <b>CV-SH SERIES</b> Designed for powder and e-coating processes	 <b>ROD-SH SERIES</b> Rod and clip set for modular rack	 <b>S-SH SERIES</b> Designed for powder and e-coating processes	 <b>SB-SH SERIES</b> Smart Bar™	 <b>SHVA-SH SERIES</b> Designed for liquid and powder coating processes
 <b>SHVB-SH SERIES</b> Designed for liquid and powder coating processes	 <b>SHVC-SH SERIES</b> Designed for liquid and powder coating processes	 <b>SPLINE-SH SERIES</b> Modular rack part	 <b>SQV-SH SERIES</b> Designed for powder and e-coating processes	 <b>TCB-SH SERIES</b> Top cross bar for modular rack	 <b>TH-SH SERIES</b> "T" hook for modular rack	 <b>UWH-SH SERIES</b> Spin hooks	 <b>V-SH SERIES</b> Designed for powder and e-coating processes
 <b>VB-SH SERIES</b> Smart Hooks™ lock into position							

Try our conductive silicone material for powder coating process.



# selector guide

## hydraulic component protection



- > Variety of thread protection, including SAE, NPT, JIC, UN/UNS and more
- > Hose protection
- > Rubber materials for ideal pressure testing



An economical vinyl material ideal for one-time use recommended for temperatures up to 500°F

# selector guide

## electronic connector and components protection



- > Variety of protection solutions for electronic connectors and components used in delicate and specialized systems in the aviation industry
- > Protect against both physical and static electrical damage that could occur during shipping
- > Conductive materials meet application requirements

<b>ADP SERIES</b> Threaded aluminum plugs for flareless tube and hose assemblies	<b>AFO SERIES</b> Threaded aluminum plugs for flat-faced O-ring hydraulic fittings	<b>ASC SERIES</b> Aluminum caps for seal-flared fittings	<b>ASP SERIES</b> Threaded aluminum plugs for 37° flared fittings and straight-threaded ports	<b>CD SERIES</b> Plastic caps for tubing and flared fittings	<b>CD-M Series</b> Threaded plastic caps for metric fittings	<b>CPT SERIES</b> Center pull-tab tapered plugs	<b>CPT-NF SERIES</b> Center pull-tab tapered plugs without flange	<b>CSW SERIES</b> Cut Sleeve-Web® netting	<b>CXT SERIES</b> Center cross pull-tab plug	<b>EC SERIES</b> Caps for threaded or smooth connectors	<b>ECP SERIES</b> Ergonomic center pull-tab plugs	<b>ETV SERIES</b> Flex500® flexible vinyl external thread plugs	<b>FF SERIES</b> Caps for flanged and flange-mounted fittings	<b>HC SERIES</b> Hose caps for tube and hose ends	<b>HEX SERIES</b> Hexagonal caps	<b>HSF SERIES</b> High-pressure split-flange covers	<b>L SERIES</b> Lift-tab tapered plugs	<b>PDF SERIES</b> Threaded plastic plugs for flat-faced O-ring hydraulic fittings	<b>PDH SERIES</b> Threaded plastic plugs for flat-faced O-ring hydraulic fittings	<b>PDI SERIES</b> Threaded plastic plugs for inverted flared fittings	<b>PDO SERIES</b> Threaded plastic plugs for SAE O-ring ports	<b>PIP SERIES</b> Push-in plugs	<b>PIP-TAB SERIES</b> Push-in plugs with pull-tab	<b>RC SERIES</b> Caps for externally threaded parts	<b>RCL SERIES</b> Extra long-bodied caps for externally threaded parts	<b>RP SERIES</b> Threaded plugs	<b>RPO SERIES</b> Threaded plugs	<b>RPO-M SERIES</b> Threaded plugs	<b>SC SERIES</b> Straight-sided sleeve caps	<b>SF SERIES</b> Caps for split-flange connections	<b>SFP SERIES</b> Covers for split-flange connections	<b>T SERIES</b> Tapered body gives snug fit as cap/plug	<b>TPN SERIES</b> Square-head plugs	<b>TPN-F SERIES</b> Square-head with flange plugs	<b>TPSD SERIES</b> Threaded plugs with square drive	<b>TUV SERIES</b> Flexible tear-tab caps	<b>TV SERIES</b> Flexible injection-molded vinyl cap/plug	<b>UPP SERIES</b> Universal pull plugs	<b>UTP SERIES</b> Universal thread plugs	<b>VAS SERIES</b> Vinyl ASA flange covers	<b>VC SERIES</b> Hammer union protection	<b>VF SERIES</b> Vinyl flange covers	<b>VFC SERIES</b> Vinyl caps with flat pull-tab	<b>VFE SERIES</b> Vinyl caps with flat ergonomic pull-tab	<b>VFT SERIES</b> Double-dipped vinyl pull-tab caps	<b>VS SERIES</b> Vinyl pull caps	<b>VSC SERIES</b> Vinyl square caps	<b>VSE SERIES</b> Vinyl square end caps	<b>WW SERIES</b> Tapered caps and plugs with wide, thick flanges	<b>WWX SERIES</b> Tapered caps and plugs with extra-wide, extra-thick flanges
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### hydraulic hose protection

<b>CAB SERIES</b> Cable ties	<b>CTW SERIES</b> Cut tube wraps	<b>HB SERIES</b> Hose bend restrictors	<b>SHG SERIES</b> Standard hose guards
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<b>AS138 SERIES</b> Electrical connector dust caps	<b>C SERIES</b> Straight-sided utility caps	<b>CEC SERIES</b> Conductive caps for threaded and non-threaded connectors	<b>CEG SERIES</b> Conductive edge liners	<b>CEP SERIES</b> Conductive plugs for threaded connectors	<b>DCC SERIES</b> D-subminiature rectangular connectors	<b>DCF SERIES</b> D-subminiature connectors with flared shells	<b>DP SERIES</b> For ITT Cannon-style connectors	<b>DS SERIES</b> ESD D-subminiature caps	<b>E SERIES</b> Straight-sided utility plugs	<b>EC SERIES</b> Caps for threaded connectors	<b>EMC SERIES</b> Static dissipative and conductive protectors for electro miniature connectors	<b>EP SERIES</b> Plugs for threaded connectors	<b>IEC SERIES</b> Plugs for female connectors	<b>K SERIES</b> Plugs for round tubing	<b>MDC SERIES</b> Caps for Micro-D connectors	<b>MSC SERIES</b> ESD connector caps	<b>MSC SERIES</b> ESD connector plugs	<b>RJ SERIES</b> RJ45 ethernet jack protective plugs	<b>SEC SERIES</b> Static dissipative caps for threaded connectors	<b>SEP SERIES</b> Static dissipative plugs for threaded connectors	<b>USB-A SERIES</b> Caps for USB Type A cable ends	<b>USB-B SERIES</b> Plugs for Type B female ports
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### more protection

<b>CAB SERIES</b> Cable ties	<b>CBW SERIES</b> Cut Bottle-Web™ netting	<b>CVC SERIES</b> Hinged containers	<b>CVV SERIES</b> Two-piece vials	<b>EGL SERIES</b> Edge liners for sheet metal and pipe ends	<b>GRO SERIES</b> Grommets for holes in sheet metal	<b>HB SERIES</b> Hose bend restrictors	<b>OCB SERIES</b> Open/closed bushings	<b>PMW SERIES</b> Flat sheet netting	<b>SB SERIES</b> Snap bushings	<b>SW SERIES</b> Sleeve-Web® netting	<b>SWI SERIES</b> Standard-duty Sleeve-Web® with rust inhibitor	<b>TRC SERIES</b> Closed-end tubing	<b>TRO SERIES</b> Open-end tubing	<b>VNG SERIES</b> Vinyl nubbed grips	<b>TSC SERIES</b> Square closed-end tubing	<b>TSO SERIES</b> Square open-end tubing
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We can die-cut corrugated cardboard into any shape for an inexpensive packaging solution.

**Hydraulic Component Protection**

Aluminum caps with butyl disk inserted for sealing, skydrol and hydraulic fluids



**Stud Protection**

Manufactured in a performance material that is flame retardant



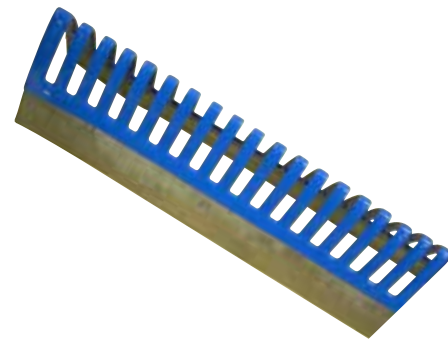
**Vinyl Caps**

Vinyl caps produced in flame retardant material and double dipped for easy installation and removal



**Vinyl Dipping**

Tool dipping allows us to vinyl coat racks, tools and any other metal pieces for a cushioned finish in a variety of colors



**HEX Series**

Hexagonal caps are designed to protect hex style bolts or nuts from damage and contaminants. A dual bead feature allows parts to securely lock in place.



**FUF Series**

Plastic caps are designed to protect tube fittings in high vibration hydraulic systems typically found in aerospace and military aviation applications.



**AS138 Series**

Electrical connector dust caps protect circular electrical connectors. This part is the only line of caps in the industry that meets the new SAE Aerospace specification AS85049/138.



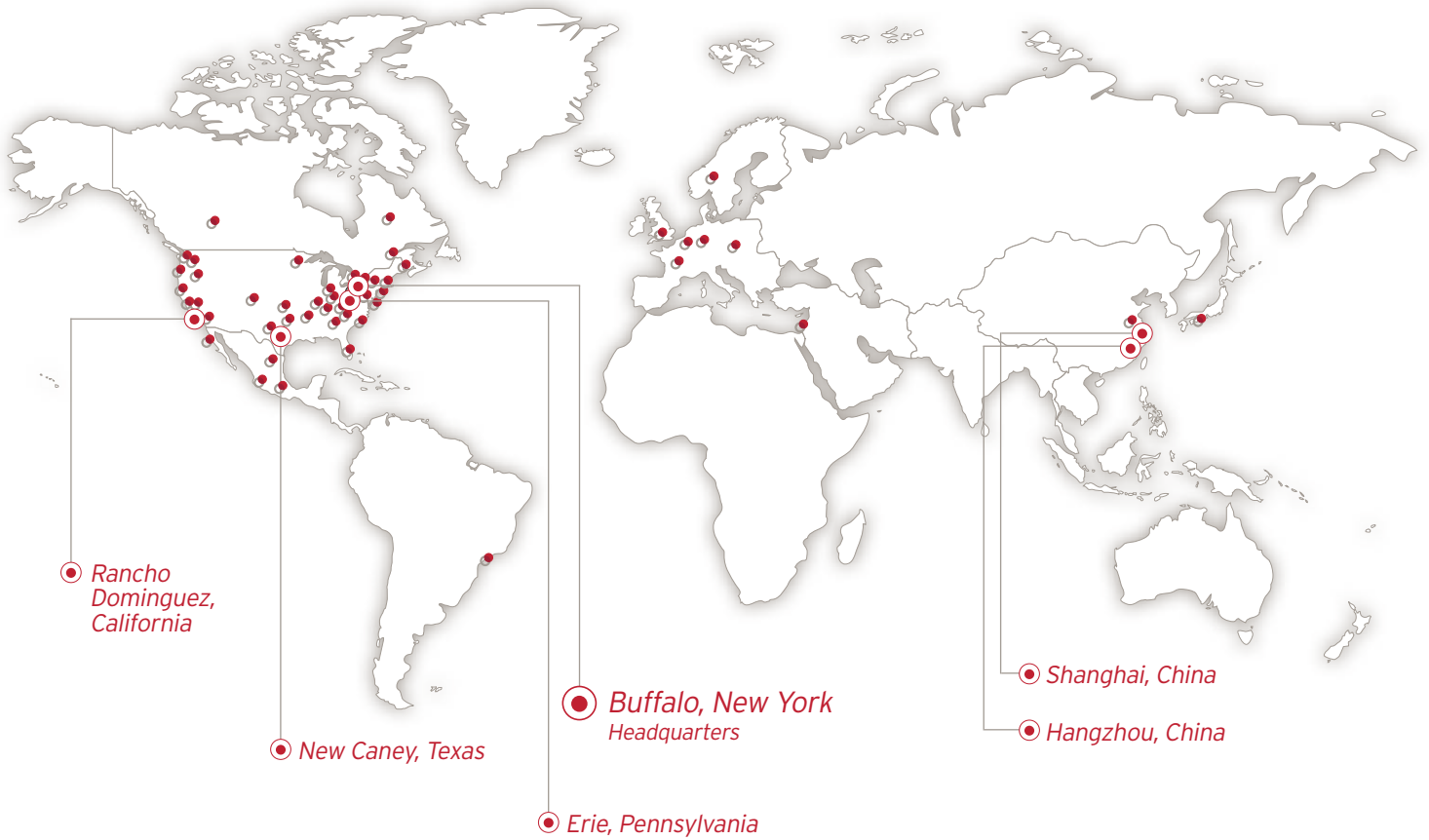
**AIR-SH Series**

Kiss-cut crepe paper or aluminum masks for aircraft windows to safeguard them by forming an impenetrable barrier against chemical action. The masks are pre-cut to aircraft window sizes from high-quality pressure sensitive aluminum foil.





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



● Manufacturing Plants ● Sales Representatives