



Masking Protection Solutions



company overview



For more than 65 years, Caplugs has been the leader in product protection with innovative parts that solve industrywide challenges. Comprehensive manufacturing capabilities, processes and a wide range of materials allow us to meet your needs.

Over 400 million caps, plugs, packaging, tubing and masking products are always in-stock and ready to ship. While a dedicated team of in-house engineers is also available for complete custom designs. With a global manufacturing and sales presence and responsive customer service representatives, Caplugs brings solutions you can rely on.

shercon® masking product line

As the experts in precision masking solutions, we can offer the most comprehensive range of standard masking devices and in-house custom capabilities with the full Shercon masking line. Our broad range of parts securely protects your product during any finishing process including painting, powder coating, anodizing, plating and e-coating.

caps



HCR SERIES
Flex500® high-temperature caps
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HEZ & EZ SERIES
Flex500® flexible caps with pull-tab
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HFC & VFC SERIES
Flex500® flexible caps with flat pull-tab
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HJS SERIES
Flex500® flexible tear-tab caps
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HVC & VC SERIES
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PSC SERIES
Straight paper caps
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PTC SERIES
Tapered paper caps
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RMCP-SH SERIES
Rubber masking cap/plugs
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SC-SH SERIES
Silicone caps
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SFC SERIES
Silicone flange caps
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SFP-SH SERIES
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SRC-SH SERIES
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TS SERIES
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WC-SH SERIES
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plugs



BN-SH SERIES
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FP-SH SERIES
Rubber flangeless plugs
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GN-SH SERIES
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HETV & ETV SERIES
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HFPP-SH SERIES
Hollow-flanged pull plugs
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HTP & TP SERIES
Flex500® tapered vinyl plugs
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HUP-SH SERIES
Hollow silicone plugs
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HUPH-SH SERIES
Hollow silicone plugs with handles
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HVTP & VTP SERIES
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HWP-SH SERIES
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MPP-SH SERIES
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MSP-SH SERIES
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PP-SH SERIES
EPDM pull plugs
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PTM-SH SERIES
Pipe thread silicone mask caps/plugs
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PTP SERIES
Tapered paper plugs
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RCK-SH SERIES
Regular cork plugs
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RMCP-SH SERIES
Rubber masking cap/plugs
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SCK-SH SERIES
Short cork plugs
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SFP-SH SERIES
Silicone-flanged cap/plugs
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SHPP-SH SERIES
Silicone hollow pull plugs
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SP-SH SERIES
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STPS-SH SERIES
Self-threading plugs
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SWP SERIES
Silicone washer plugs
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TS SERIES
Tapered silicone cap/plugs
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UDPP-SH SERIES
Silicone dual-purpose plugs
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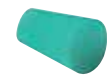
UFP-SH SERIES
Silicone flangeless plugs
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UHCP-SH SERIES
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UMFP-SH SERIES
Silicone multi-flanged plugs
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UP-SH SERIES
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UPH-SH SERIES
Silicone plugs with handles
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UTM-SH SERIES
Silicone thread masks
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UVCP-SH SERIES
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UW-SH SERIES
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UWM-SH SERIES
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UWPP-SH SERIES
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UWPLS-SH SERIES
Silicone washer pull plugs - long series
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why caplugs?

As the industry leader, we are uniquely positioned to provide the best masking solutions. We don't just sell parts - we're here to ensure your needs are met with the **right part** that protects your product. Whether it's through one of our standard parts, or by working with you one-on-one to design a custom part, we are committed to **your unique product needs**.

Masking Solutions Made Easy

Most Comprehensive Products and Capabilities

- Most standard parts in-stock and ready to ship
- Broadest range of product styles and sizes
- Most extensive in-house custom capabilities
- Stringent quality management system to ensure the highest quality
- Proven supplier across all industries and applications
- THE industry experts



Unmatched Service and Support

- Responsiveness to match your fast-paced business needs
- Over 100 sales representatives and direct sales for local support
- 20+ customer service representatives
- Expert technical representatives
- Global coverage, localized service
- Comprehensive web site with free samples and easy ordering

quality certifications

Caplugs has a comprehensive **quality management** system and the latest technologies in testing and measurement equipment to provide consistent quality.

Critical processes are followed to ensure a **high level of accuracy, consistency, repeatability** and record retention is achieved.

Caplugs ensures a **superior** and **consistent** product is delivered with the documentation our customers need.

Caplugs comprehensive quality management system includes:

- Formal internal auditing process
- Six Sigma method
- FMEA
- Gage R & R
- Dimensional report
- Risk assessments
- Statistical process controls
- Measurement equipment:
 - CMM
 - Vision System
 - Beta LaserMike
 - CNC RAM Optical Instrumentation
 - Mark-10 Digital Force Fixture up to 50 lbs.



Quality Certifications

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

• Our quality systems in the New York and Pennsylvania facilities are certified to ISO 9001 & ISO/TS 16949

• Our quality systems in our California and Texas facilities are certified to ISO 9001

• Our quality systems in Shanghai and Hangzhou, China are certified to ISO 9001 & ISO/TS 16949

• Buffalo, NY ISO 13485 certification applies to all clean room medical products

• Our environmental systems in the New York, Pennsylvania and California facilities are certified to ISO 14001

ISO 9001
ISO/TS 16949
ISO 14001
ISO 13485

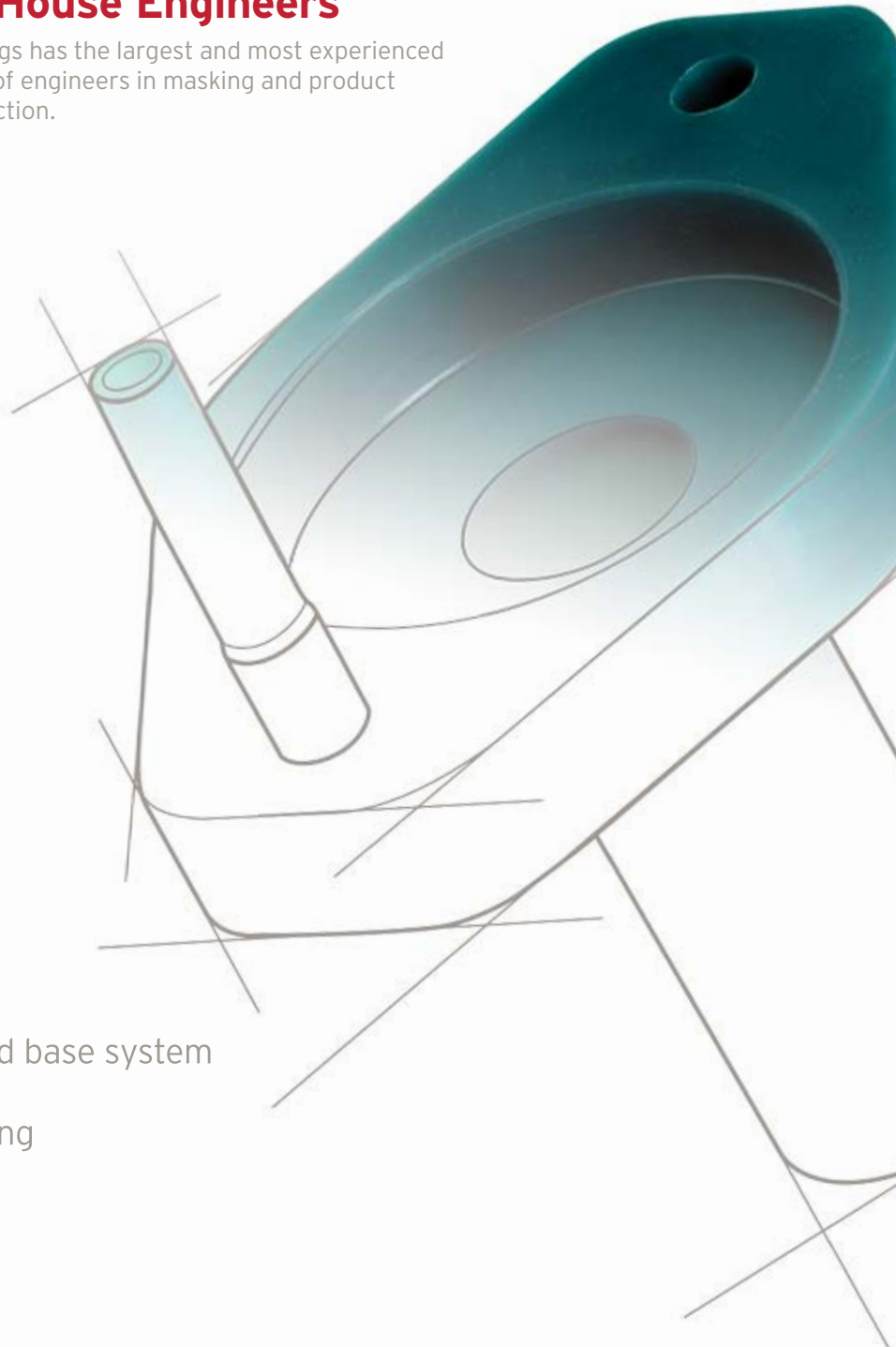
REGISTERED

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 staff of engineers in masking and product protection.



Full in-house capabilities:
15 SOLIDWORKS® stations

3D modeling

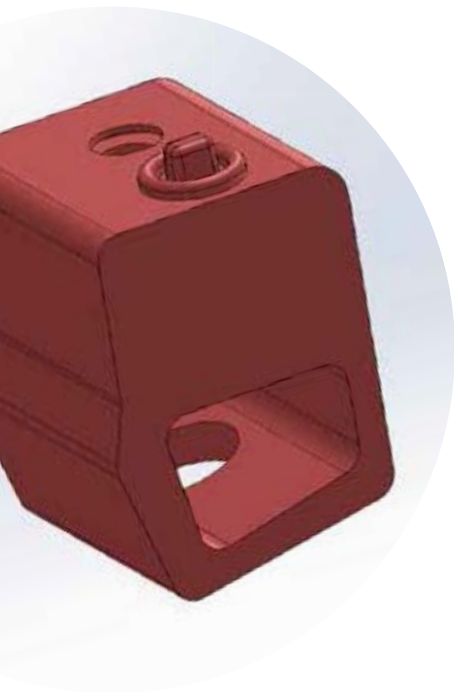
Rapid prototyping

Advanced tool room

3,000 interchangeable mold base system

Precision custom die-cutting

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.



SC-SH Series

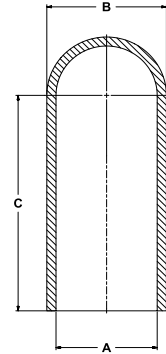
Silicone Caps

SC-SH Series Ultrabake™ Silicone Caps are designed to mask plain and threaded studs, tube ends and even slotted holes; they will mask off the stud and allow finishing up to it. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Rugged and durable
- Can stretch to mask larger dimensions
- Reusable

Material: Silicone **Color:** See chart for color coding

Note: Caps can also be produced in EPDM 350°F (177°C)



Caplugs No.	Color	Dimensions								Packaging
		Fits Thread		A		B		C		Quantity Per Bag
		Metric	UNC	In	mm	In	mm	In	mm	
SC37-0500	Clear			.037	.94	.100	2.54	.500	12.70	1000
SC62	Dark Blue			.062	1.57	.187	4.75	1.000	25.40	1000
SC70	Clear	M2	2-56	.070	1.78	.170	4.32	1.000	25.40	1000
SC93	Pink		3-48	.093	2.36	.195	4.95	.750	19.05	1000
SC93-0500	Dark Grey		3-48	.093	2.36	.195	4.95	.500	12.70	1000
SC93-1000	White		3-48	.093	2.36	.195	4.95	1.000	25.40	1000
SC100-0500	Dark Blue	M3	4-40	.100	2.54	.200	5.08	.500	12.70	1000
SC100	Light Green	M3	4-40	.100	2.54	.200	5.08	1.000	25.40	1000
SC109-0500	Yellow		5-40	.109	2.77	.215	5.46	.500	12.70	1000
SC109	Grey		5-40	.109	2.77	.215	5.46	.750	19.05	1000
SC109-1000	White		5-40	.109	2.77	.215	5.46	1.000	25.40	1000
SC125-0500	Light Blue		6-32	.125	3.18	.250	6.35	.500	12.70	1000
SC125	Black		6-32	.125	3.18	.250	6.35	1.000	25.40	1000
SC140-0500	Clear			.140	3.56	.265	6.73	.500	12.70	1000
SC140	White			.140	3.56	.265	6.73	1.000	25.40	1000
SC148-0500	Dark Blue	M4		.148	3.76	.240	6.10	.500	12.70	1000
SC148-0750	Dark Grey	M4		.148	3.76	.240	6.10	.750	19.05	1000
SC148	Pink	M4		.148	3.76	.240	6.10	1.000	25.40	1000
SC156-0500	Light Green		8-32	.156	3.96	.280	7.11	.500	12.70	1000
SC156	Yellow		8-32	.156	3.96	.280	7.11	1.000	25.40	1000
SC156-1250	Clear		8-32	.156	3.96	.280	7.11	1.250	31.75	1000
SC164-1000	Black			.164	4.17	.292	7.42	1.000	25.40	1000
SC172-0500	Grey		10-24	.172	4.37	.300	7.62	.500	12.70	1000
SC172	Light Blue		10-24	.172	4.37	.300	7.62	1.000	25.40	1000
SC172-1500	Clear		10-24	.172	4.37	.300	7.62	1.500	38.10	1000
SC180	Black	M5		.180	4.57	.280	7.11	1.000	25.40	1000
SC187-0500	White		12-24	.187	4.75	.315	8.00	.500	12.70	1000
SC187-0750	Light Blue		12-24	.187	4.75	.315	8.00	.750	19.05	1000
SC187	Clear		12-24	.187	4.75	.315	8.00	1.000	25.40	1000
SC218	Yellow			.218	5.54	.338	8.59	1.000	25.40	500
SC223-0500	Dark Blue	M6		.223	5.66	.345	8.76	.500	12.70	500
SC223-1000	Black	M6		.223	5.66	.345	8.76	1.000	25.40	500
SC223	Pink	M6		.223	5.66	.345	8.76	1.500	38.10	500
SC234-0500	White		1/4-20	.234	5.94	.360	9.14	.500	12.70	500
SC234	Light Green		1/4-20	.234	5.94	.360	9.14	1.000	25.40	500
SC234-1500	Yellow		1/4-20	.234	5.94	.360	9.14	1.500	38.10	500
SC250-0500	Clear			.250	6.34	.380	9.65	.500	12.70	500
SC250	Grey			.250	6.35	.380	9.65	1.000	25.40	500

ULTRA
B A K E

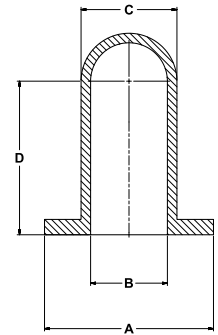
WC-SH Series

Silicone Washer Caps

WC-SH Series Ultrabake™ Silicone Washer Caps are designed to plug plain and threaded holes and studs; they will mask off the hole and leave a circular grounding or earthing area around it. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Can be used to both cover studs and plug holes
- Washer design eliminates the need for two-stage masking
- Reusable

Material: Silicone **Color:** See chart for color coding
Optional Color: White



ULTRA
B A K E

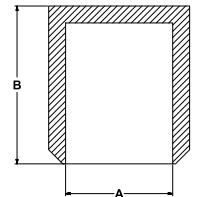
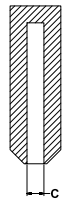
SRC-SH Series

Silicone Grounding Caps

SRC-SH Series Ultrabake™ Silicone Grounding Caps are ideal for grounding tabs. The larger sizes of this cap have a tapered opening, which allows the coating material to come close to the inside dimensions of the cap.

- Recommended temperatures up to 600°F (315°C)
- Can be used as a plug in small rectangular openings
- Reusable

Material: Silicone **Color:** See chart for color coding
Optional Color: White



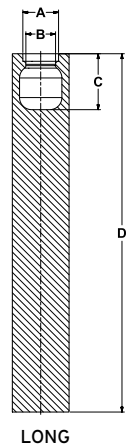
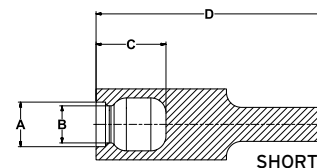
ZC-SH Series

Zerk Caps

ZC-SH Series Zerk Caps are designed specifically to mask Zerk fittings; they will mask off the fitting and allow finishing up to it. Available with either a short handle or with an extended handle, which eases installation and facilitates removal from hard-to-reach spaces. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C) or 350°F (177°C)
- Reusable

Material: Silicone & Neoprene **Color:** See chart for color coding





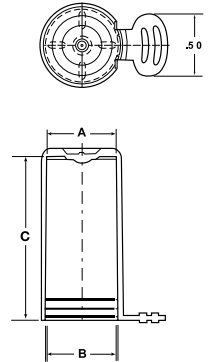
HJS Series

Flexible Tear-Tab Caps

HJS Series Caps are designed to be ergonomically friendly with a soft, flexible feel and a finger grip, making installation and removal of the cap quick and easy. Caps maintain their flexibility after masking processes giving you the option of removing after processing, or leaving on as shipping protection and allowing the end-user to remove it. Ideal for masking applications during painting, plating and powder coating operations.

- Can withstand temperatures up to 500°F (260°C)

Material: Flex500® **Color:** Black



HCR Series

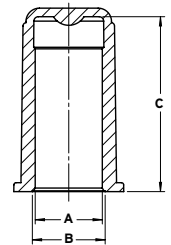
High-Temperature Caps

HCR Series Caps are temperature-resistant to protect up to and beyond 500°F. These sleeves were developed to mask and protect copper tubing during high-temperature masking processes. These caps were designed with exterior ribs to aid in removal and installation. A slightly flared open end allows them to be easily pushed onto the application.

- Can withstand temperatures up to 500°F (260°C)

Material: Flex500® **Color:** Black

Note: Additional sizes available - visit www.caplugs.com





HVC and VC Series

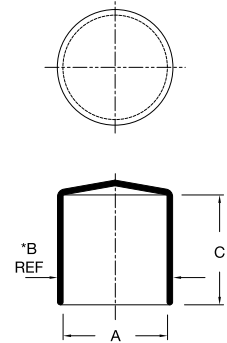
Flexible Round Caps

HVC Series temperature-resistant Caps protect up to and beyond 500°F. Extremely flexible and durable protective closures that are ideal for use as thread protectors, dust and moisture seals, and as masking caps during painting, plating or powder coating operations.

Material: Flex500® or standard vinyl **Color:** Black
Optional Color: Yellow

Note: "B" dimension provided for reference only. Measured approximately 1/4" from open end of part.

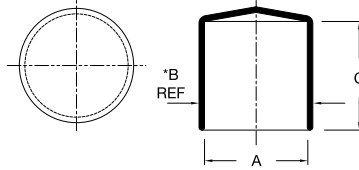
Note: For low-temperature vinyl, please refer to VC Series column.



Flex500® Caplugs No.	Low-Temp Vinyl Caplugs No.	Dimensions						Packaging		
		A		B REF		C		Carton Quantity	Mini Pak† Quantity	Micro Pak‡ Quantity
		In	mm	In	mm	In	mm			
HVC-054-10	VC-054-10	.054	1.37	.09	2.29	.625	15.88	5000	n/a	n/a
HVC-062-10	VC-062-10	.062	1.57	.12	3.05	.625	15.88	5000	1000	100
HVC-072-10	VC-072-10	.072	1.83	.13	3.35	.625	15.88	5000	n/a	n/a
HVC-080-10	VC-080-10	.080	2.03	.14	3.56	.625	15.88	5000	1000	100
HVC-093-12	VC-093-12	.093	2.36	.15	3.81	.750	19.05	5000	1000	100
HVC-109-12	VC-109-12	.109	2.77	.18	4.57	.750	19.05	5000	1000	100
HVC-125-8	VC-125-8	.125	3.18	.20	5.08	.500	12.70	5000	n/a	n/a
HVC-125-16	VC-125-16	.125	3.18	.20	5.08	1.000	25.40	5000	1000	100
HVC-140-8	VC-140-8	.140	3.56	.21	5.33	.500	12.70	5000	n/a	n/a
HVC-140-16	VC-140-16	.140	3.56	.21	5.33	1.000	25.40	5000	1000	100
HVC-148-8	VC-148-8	.148	3.76	.24	6.30	.500	12.70	5000	n/a	n/a
HVC-148-16	VC-148-16	.148	3.76	.24	6.30	1.000	25.40	5000	n/a	n/a
HVC-156-8	VC-156-8	.156	3.96	.24	6.10	.500	12.70	5000	n/a	n/a
HVC-156-16	VC-156-16	.156	3.96	.24	6.10	1.000	25.40	5000	1000	100
HVC-172-8	VC-172-8	.172	4.37	.25	6.35	.500	12.70	5000	n/a	n/a
HVC-172-16	VC-172-16	.172	4.37	.25	6.35	1.000	25.40	5000	1000	100
HVC-180-8	VC-180-8	.180	4.57	.26	6.60	.500	12.70	5000	n/a	n/a
HVC-180-16	VC-180-16	.180	4.57	.26	6.60	1.000	25.40	5000	n/a	n/a
HVC-187-8	VC-187-8	.187	4.75	.27	6.86	.500	12.70	5000	n/a	n/a
HVC-187-16	VC-187-16	.187	4.75	.27	6.86	1.000	25.40	5000	1000	100
HVC-187-24	VC-187-24	.187	4.75	.27	6.86	1.500	38.10	4000	n/a	n/a
HVC-203-8	VC-203-8	.203	5.16	.29	7.37	.500	12.70	5000	n/a	n/a
HVC-203-16	VC-203-16	.203	5.16	.29	7.37	1.000	25.40	5000	1000	100
HVC-218-8	VC-218-8	.218	5.54	.31	7.87	.500	12.70	5000	n/a	n/a
HVC-218-16	VC-218-16	.218	5.54	.31	7.87	1.000	25.40	5000	1000	100
HVC-224-8	VC-224-8	.224	5.69	.31	7.87	.500	12.70	5000	n/a	n/a
HVC-224-16	VC-224-16	.224	5.69	.31	7.87	1.000	25.40	4000	n/a	n/a
HVC-234-8	VC-234-8	.234	5.94	.32	8.13	.500	12.70	5000	n/a	n/a
HVC-234-16	VC-234-16	.234	5.94	.32	8.13	1.000	25.40	5000	1000	100
HVC-250-8	VC-250-8	.250	6.35	.35	8.89	.500	12.70	5000	n/a	n/a
HVC-250-16	VC-250-16	.250	6.35	.35	8.89	1.000	25.40	5000	1000	100
HVC-281-8	VC-281-8	.281	7.14	.38	9.65	.500	12.70	5000	n/a	n/a
HVC-281-16	VC-281-16	.281	7.14	.38	9.65	1.000	25.40	5000	1000	100
HVC-290-8	VC-290-8	.290	7.37	.40	10.16	.500	12.70	5000	n/a	n/a
HVC-290-16	VC-290-16	.290	7.37	.40	10.16	1.000	25.40	5000	n/a	n/a
HVC-304-8	VC-304-8	.304	7.72	.41	10.41	.500	12.70	5000	n/a	n/a
HVC-304-16	VC-304-16	.304	7.72	.41	10.41	1.000	25.40	5000	n/a	n/a
HVC-312-8	VC-312-8	.312	7.93	.42	10.67	.500	12.70	5000	n/a	n/a



HVC and VC Series Flexible Round Caps (cont.)



Note: "B" dimension provided for reference only. Measured approximately 1/4" from open end of part.

Note: For low-temperature vinyl, please refer to VC Series column.

Flex500® Caplugs No.	Low-Temp Vinyl Caplugs No.	Dimensions						Packaging		
		A		B REF		C		Carton Quantity	Mini Pak† Quantity	Micro Pak‡ Quantity
		In	mm	In	mm	In	mm			
HVC-1125-16	VC-1125-16	1.125	28.57	1.27	32.26	1.000	25.40	500	n/a	n/a
HVC-1187-16	VC-1187-16	1.187	30.14	1.33	33.78	1.000	25.40	500	n/a	n/a
HVC-1250-16	VC-1250-16	1.250	31.75	1.39	35.31	1.000	25.40	500	n/a	n/a
HVC-1250-24	VC-1250-24	1.250	31.75	1.39	35.31	1.500	38.10	500	n/a	n/a
HVC-1312-16	VC-1312-16	1.312	33.32	1.45	36.83	1.000	25.40	1000	n/a	n/a
HVC-1312-24	VC-1312-24	1.312	33.32	1.45	36.83	1.500	38.10	600	n/a	n/a
HVC-1375-16	VC-1375-16	1.375	34.92	1.52	38.61	1.000	25.40	500	n/a	n/a
HVC-1375-24	VC-1375-24	1.375	34.92	1.52	38.61	1.500	38.10	400	n/a	n/a
HVC-1437-16	VC-1437-16	1.437	36.50	1.58	40.06	1.000	25.40	750	n/a	n/a
HVC-1500-16	VC-1500-16	1.500	38.10	1.64	41.66	1.000	25.40	500	n/a	n/a
HVC-1500-24	VC-1500-24	1.500	38.10	1.64	41.66	1.500	38.10	300	n/a	n/a
HVC-1593-16	VC-1593-16	1.593	40.46	1.72	43.76	1.000	25.40	500	n/a	n/a
HVC-1625-16	VC-1625-16	1.625	41.27	1.77	44.96	1.000	25.40	500	n/a	n/a
HVC-1687-16	VC-1687-16	1.687	42.84	1.83	46.48	1.000	25.40	500	n/a	n/a
HVC-1750-16	VC-1750-16	1.750	44.45	1.89	48.01	1.000	25.40	500	n/a	n/a
HVC-1812-16	VC-1812-16	1.812	46.02	1.95	49.58	1.000	25.40	1000	n/a	n/a
HVC-1875-16	VC-1875-16	1.875	47.62	2.02	51.31	1.000	25.40	250	n/a	n/a
HVC-1937-16	VC-1937-16	1.937	49.20	2.07	52.76	1.000	25.40	600	n/a	n/a
HVC-2000-16	VC-2000-16	2.000	50.80	2.14	54.36	1.000	25.40	250	n/a	n/a
HVC-2000-24	VC-2000-24	2.000	50.80	2.14	54.36	1.500	38.10	300	n/a	n/a
HVC-2125-16	VC-2125-16	2.125	53.98	2.27	57.79	1.000	25.40	500	n/a	n/a
HVC-2156-16	VC-2156-16	2.156	54.76	2.30	58.57	1.000	25.40	500	n/a	n/a
HVC-2250-16	VC-2250-16	2.250	57.15	2.40	60.96	1.000	25.40	500	n/a	n/a
HVC-2250-24	VC-2250-24	2.250	57.15	2.40	60.96	1.500	38.10	300	n/a	n/a
HVC-2375-16	VC-2375-16	2.375	59.56	2.52	64.14	1.000	25.40	200	n/a	n/a
HVC-2375-24	VC-2375-24	2.375	59.56	2.52	64.14	1.500	38.10	250	n/a	n/a
HVC-2460-16	VC-2460-16	2.460	62.48	2.61	66.29	1.000	25.40	250	n/a	n/a
HVC-2500-16	VC-2500-16	2.500	63.50	2.65	67.31	1.000	25.40	400	n/a	n/a
HVC-2500-24	VC-2500-24	2.500	63.50	2.65	67.31	1.500	38.10	250	n/a	n/a
HVC-2625-16	VC-2625-16	2.625	66.67	2.77	70.49	1.000	25.40	400	n/a	n/a
HVC-2625-24	VC-2625-24	2.625	66.67	2.77	70.49	1.500	38.10	200	n/a	n/a
HVC-2687-16	VC-2687-16	2.687	68.25	2.84	72.31	1.000	25.40	400	n/a	n/a
HVC-2750-16	VC-2750-16	2.750	69.85	2.91	73.91	1.000	25.40	300	n/a	n/a
HVC-2750-24	VC-2750-24	2.750	69.85	2.91	73.91	1.500	38.10	200	n/a	n/a
HVC-2875-16	VC-2875-16	2.875	73.03	3.03	77.09	1.000	25.40	250	n/a	n/a
HVC-3000-16	VC-3000-16	3.000	76.20	3.16	80.26	1.000	25.40	250	n/a	n/a
HVC-3000-24	VC-3000-24	3.000	76.20	3.16	80.26	1.500	38.10	250	n/a	n/a
HVC-3125-16	VC-3125-16	3.125	79.37	3.285	83.44	1.000	25.40	250	n/a	n/a
HVC-3125-24	VC-3125-24	3.125	79.37	3.285	83.44	1.500	38.10	300	n/a	n/a
HVC-3250-18	VC-3250-18	3.250	82.55	3.410	86.61	1.125	28.58	200	n/a	n/a
HVC-3375-18	VC-3375-18	3.375	85.73	3.535	89.79	1.125	28.58	250	n/a	n/a
HVC-3500-18	VC-3500-18	3.500	88.90	3.660	92.96	1.125	28.58	225	n/a	n/a
HVC-3500-24	VC-3500-24	3.500	88.90	3.660	92.96	1.500	38.10	200	n/a	n/a
HVC-3625-18	VC-3625-18	3.625	92.08	3.785	96.14	1.125	28.58	200	n/a	n/a
HVC-3750-18	VC-3750-18	3.750	92.25	3.910	99.31	1.125	28.58	200	n/a	n/a
HVC-3875-18	VC-3875-18	3.875	98.43	4.035	102.49	1.125	28.58	200	n/a	n/a
HVC-4000-20	VC-4000-20	4.000	101.60	4.160	105.66	1.250	31.75	100	n/a	n/a



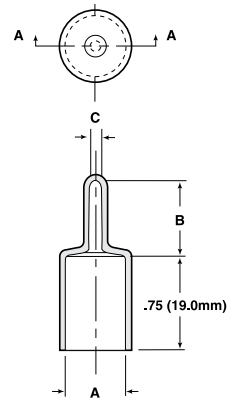
HEZ and EZ Series

Flexible Caps with Pull-Tab for Easy Removal

HEZ and EZ Series Caps feature an extra long tab centered at the top of the closure which allows the cap to be finger-removed easily, eliminating the use of tools that could damage threads or part surfaces. Ideal for masking applications during painting, plating and powder coating operations.

Material: Flex500® or standard vinyl **Color:** Black
Optional Color: Yellow

Note: For low-temperature vinyl, please refer to EZ Series column.





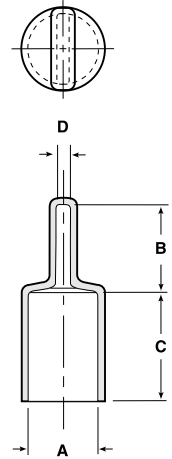
HFC and VFC Series

Flexible Caps with Flat Pull-Tab for Easy Removal

HFC and VFC Series Caps have a long flat tab centered at the top of the closure, which allows easy removal of the cap.

Material: Flex500® or standard vinyl **Color:** Black
Optional Color: Yellow

Note: For low-temperature vinyl, please refer to VFC Series column.



TS Series

Tapered Silicone Caps & Plugs

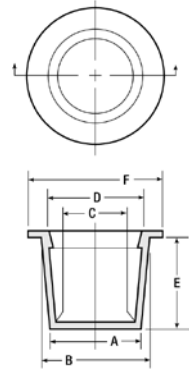
The TS Series Caps and Plugs offer all the versatility of our traditional tapers with the added resilience of silicone. Ideal for use in masking applications that require temperature and corrosion-resistance.

- Flexible
- Easy to install and remove
- Temperature-resistant up to 600°F (315°C)

Available in two durometers:

- 70 Red has a more structured, rigid feel
- 45 Natural offers extreme flexibility

Material: Silicone **Color:** Red and Natural



COMING SOON TSV Series

The TSV Series includes a vent and is recommended when internal back-pressure could be an issue, such as during high-temperature curing processes. Like our TS Series, the TSV Series is perfect for plugging both threaded and non-threaded holes.

- Available in a rigid 70 Durometer to prevent vent from splaying during installation
- Still tapered and flexible to allow for a snug fit in multiple hole sizes
- Easy to install and remove
- Temperature-resistant up to 600°F (315°C)



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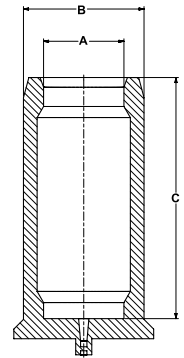
UVCP-SH Series

Silicone Venting Cap/Plugs

UVCP-SH Series Ultrabake™ Venting Cap/Plugs are designed to mask plain and threaded studs or holes. There is a small nipple on the top of the mask, which can easily be punctured or removed to form the small vent. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Internal lip on the open end provides a positive seal to prevent paint and other contaminants from seeping onto the part
- Flanged head enables the cap to be manually removed with ease
- Masks off the hole or stud and allows trapped air to escape from inside the cap through the vent
- Reusable

Material: Silicone **Color:** See chart for color coding



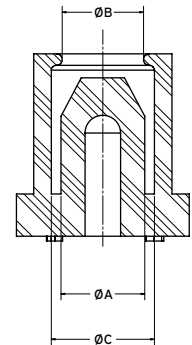
RMCP-SH Series

Rubber Masking Cap/Plug

Provide the Heating, Ventilation and Air Conditioning (HVAC) industry with a RMCP-SH Series Cap/Plug combination mask for use during coating and pressure testing of HVAC compressors. Eliminates the need for two separate masks and the added labor involved in installing and removing each. The rubber cap/plug reseals itself after any nitrogen charging that may occur for shipping.

- Recommended temperatures up to 212°F (100°C)

Material: Rubber **Color:** Black



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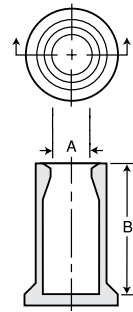
SFC Series

Silicone Flange Caps

SFC Series Ultrabake™ Silicone Flange Caps feature a design which simplifies the application and removal of the cap. An internal lip on the open end provides a positive seal to prevent paint and other contaminants from seeping onto the part. A flanged head enables the cap to be manually removed with ease. Some sizes have provisions for venting air, which keeps the part from unseating during high-temperature processes.

- Temperature-resistant up to 600°F (315°C)

Material: Silicone **Color:** Natural



PTC Series

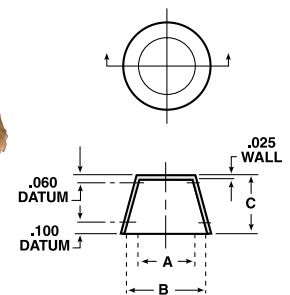
Tapered Paper Caps

Manufactured from natural paper and 100% recyclable, PTC Series Tapered Paper Caps are the answer for applications requiring environmentally friendly components. The special paper used in the manufacture of paper caps is formulated from a blend of 90% virgin pulp and 10% post-consumer recycled paper.

- Temperature-resistant up to 400°F (204°C)
- Made from recycled material
- 100% recyclable

Material: 90 lb. paperboard **Color:** Brown

Note: Products are manufactured from paper that is hygroscopic. This means there may be minor dimensional variation with changes in relative humidity.



PSC Series

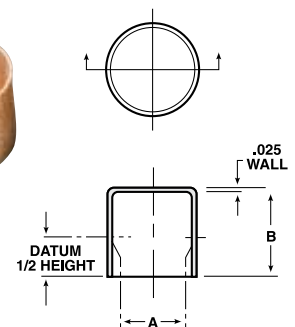
Straight Paper Caps for Flared Tube Fittings

Manufactured from natural paper and 100% recyclable, PSC Series Straight Paper Caps are the answer for applications requiring environmentally friendly components. The special paper used in the manufacture of paper caps is formulated from a blend of 90% virgin pulp and 10% post-consumer recycled paper.

- Temperature-resistant up to 400°F (204°C)
- Made from recycled material
- 100% recyclable

Material: 90 lb. paperboard **Color:** Brown

Note: Products are manufactured from paper that is hygroscopic. This means there may be minor dimensional variation with changes in relative humidity.



quick fit selector guide for standard masking plugs

Description	Series		Fits Hole Size				Page
			From		To		
			In	mm	In	mm	
Tapered Plugs Available in a variety of sizes and materials	Silicone: UP-SH, MSP-SH, MPP-SH		.016	.41	5.070	128.78	38-39, 42-43
	EPDM: GN-SH, BN-SH						40-41
	Cork: RCK-SH, SCK-SH						44-45
Hollow Tapered Plugs A light and conforming tapered plug	HUP-SH		.906	23.01	5.000	127.00	38-39
Tapered Plugs with Handles Handle provides easy installation and removal	UPH-SH		.031	.79	1.000	25.40	46-47
Hollow Tapered Plug with Handles Handle provides easy installation and removal	HUPH-SH		.906	23.01	2.203	55.96	46-47
Pull Plugs Masks the length of a through hole	SPP-SH, PP-SH		.062	1.57	1.380	35.05	48-49
Silicone Hollow Pull Plugs Threaded or non-threaded through holes of varying sizes	SHPP-SH		.916	23.27	2.419	61.44	50-51
Washer Pull Plugs Washer design eliminates the need for two-stage masking	UWPP-SH, UWPLS-SH, and UWM-SH (washer)		.105	2.67	.459	11.66	52-53
Hollow-Flanged Pull Plugs Two-stage plug; large and small diameter help with insertion	HFPP-SH		.197	5.00	.675	17.15	50-51
Dual-Flanged Pull Plugs Mask off chamfer, first thread and last thread	DFPP-SH		.197	5.00	.669	16.99	50-51
Dual-Purpose Plugs Masks square and round holes	UDPP-SH		.375	9.53	1.000	25.40	58-59
Multi-Flanged Plugs Flexible plug that can fit a variety of holes	UMFP-SH		.157	4.00	.709	18.00	60-61
Thread Mask Plugs Masks the first thread of a threaded hole	UTM-SH		.218	5.54	.947	24.05	54-55
Flangeless Plugs Protects the thread of a blind hole	UFP-SH, FP-SH		.157	3.99	1.256	31.90	56-57

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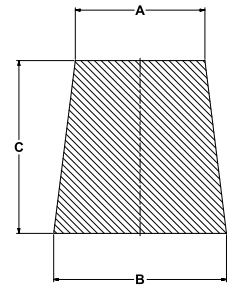
UP-SH Series

Silicone Plugs

UP-SH Series Ultrabake™ Silicone Plugs are designed to plug plain and threaded holes; they will mask off the hole and allow finishing up to it. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Tapered to fit into a range of hole sizes
- Reusable

Material: Silicone **Color:** See chart for color coding



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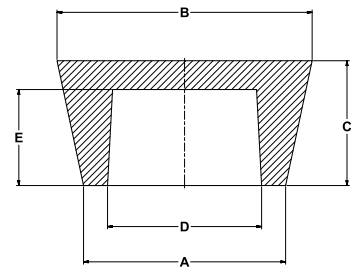
HUP-SH Series

Hollow Silicone Plugs

HUP-SH Series Ultrabake™ Hollow Silicone Plugs are designed to plug plain and threaded holes; they will mask off the hole and allow finishing up to it. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Hollow to make it lighter and more conforming
- Tapered to fit into a range of hole sizes
- Reusable

Material: Silicone **Color:** See chart for color coding





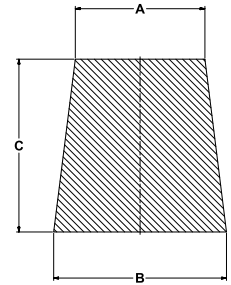
GN-SH Series

Green Neoprene Plugs

GN-SH Series Green Neoprene Plugs are best suited for painting and plating.

- Temperatures up to 350°F (177°C)
- Carbon-free
- Reusable

Material: Neoprene **Color:** Green



BN-SH Series

Black Neoprene Plugs

BN-SH Series Black Neoprene Plugs are best suited for painting, plating, anodizing and blasting.

- Temperatures up to 350°F (177°C)
- Contain carbon for conductivity
- Reusable

Material: Neoprene **Color:** Black

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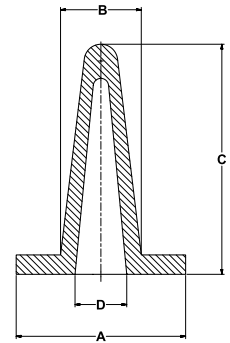
HWP-SH Series

Hollow Washer Plugs

HWP-SH Ultrabake™ Silicone Hollow Washer Plugs are designed to plug plain and threaded holes; they will mask off the hole and leave a circular grounding or earthing area around threaded and through holes. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Hollow to make it lighter and more conforming
- Washer design eliminates the need for two-stage masking
- Reusable

Material: Silicone **Color:** See chart for color coding
Optional Color: White



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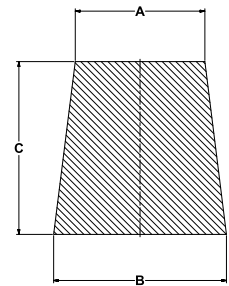
MSP-SH Series

Extra Long Silicone Plugs

MSP-SH Series Ultrabake™ Silicone Plugs are designed to plug plain and threaded holes; they will mask off the hole and allow finishing up to it. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Highly versatile
- Reusable

Material: Silicone **Color:** See chart for color coding



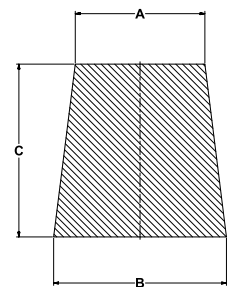
MPP-SH Series

Multi-purpose Plugs

Designed to plug plain and threaded holes; they will mask off the hole and allow finishing up to it. Recommended for various processes based upon materials.

- MPP are multi-purpose plugs
- SM/CM are micro plugs
- Recommended temperatures vary

Material: Various **Color:** Various



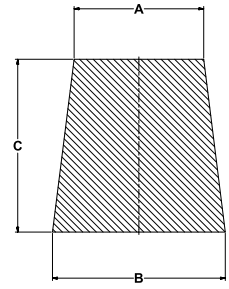
RCK-SH and SCK-SH Series

Cork Plugs

RCK-SH and SCK-SH Series Cork Plugs are used to plug and mask plain holes. Recommended for painting applications, but may also be used to protect during plating, anodizing and blasting processes. Also good for protection during transportation. Corks can be used on plain and threaded bores.

- Recommended temperatures up to 300°F (149°C)
- Can be cut to desired length
- Reusable depending on application
- RC = regular cork, SC = short cork

Material: Cork **Color:** Natural



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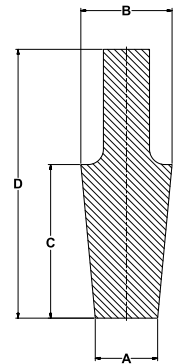
UPH-SH Series

Silicone Plugs with Handles

UPH-SH Series Ultrabake™ Silicone Plugs with Handles are designed to plug plain and threaded holes; they will mask off the hole and allow finishing up to it. The plugs have a handle to ease and speed up insertion and removal. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Tapered to fit into a range of hole sizes
- Reusable

Material: Silicone **Color:** See chart for color coding



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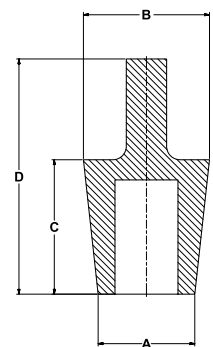
HUPH-SH Series

Hollow Silicone Plugs with Handles

HUPH-SH Series Ultrabake™ Hollow Silicone Plugs with Handles plug plain and threaded holes. The plugs have a handle to ease and speed up insertion and removal. Recommended for powder coating, e-coating, plating and anodizing.

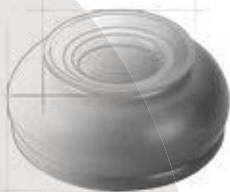
- Recommended temperatures up to 600°F (315°C)
- Hollow to make it lighter and more conforming
- Tapered to fit into a range of hole sizes
- Reusable

Material: Silicone **Color:** See chart for color coding



Caplugs has extensive custom rubber molded capabilities including:

- A full in-house team of design engineers
- Prototype delivery within 15 days
- PPAP process for accuracy



To learn more about our expertise and your perfect solution, see pages 14-15.

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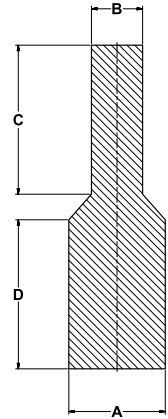
SPP-SH Series

Silicone Pull Plugs

SPP-SH Series Ultrabake™ Silicone Pull Plugs are designed for both threaded or non-threaded through holes of varying sizes. Recommended for powder coating, e-coating, plating and anodizing.

- For high-temperature processes up to 600°F (315°C)
- Reusable

Material: Silicone **Color:** See chart for color coding



PP-SH Series

EPDM Pull Plugs

PP-SH Series EPDM Pull Plugs are designed for both threaded or non-threaded through holes of varying sizes. Recommended for painting and anodizing.

- For processes up to 350°F (177°C)
- Reusable

Material: EPDM **Color:** Black



In-house custom rubber molded capabilities include:

- One-on-one collaboration with design engineers
- Experts in compression, transfer and injection molding
- In-house compound mixing and development



Your solution is waiting; find it on pages 14-15.

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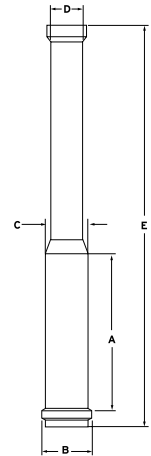
HFPP-SH Series

Hollow-Flanged Pull Plugs

HFPP-SH Ultrabake™ Hollow-Flanged Pull Plugs have a tapered design and hollow core to mask plain and threaded holes; they will mask off the hole and the first thread of a threaded hole. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Two-stage - the large and small diameters help with insertion
- Hollow design allows faster cooling
- Reusable
- Easily removed with an ergonomic handle

Material: Silicone **Color:** See chart for color coding
Optional Colors: Clear, White



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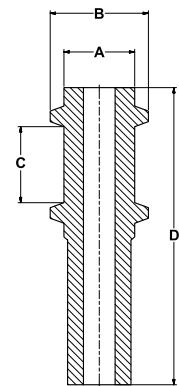
DFPP-SH Series

Dual-Flanged Pull Plugs

DFPP-SH Series Dual-Flanged Pull Plugs are designed for weld nuts of varying thread sizes. Recommended for powder coating, e-coating, plating and anodizing.

- For high-temperature processes up to 600°F (315°C)
- Masks off chamfer, first thread and last thread
- Will not blow out due to air pressure
- Reusable

Material: Silicone **Color:** See chart for color coding
Optional Color: Clear



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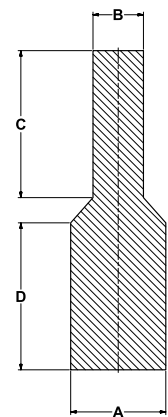
SHPP-SH Series

Silicone Hollow Pull Plugs

SHPP-SH Series Ultrabake™ Silicone Hollow Pull Plugs are designed for both threaded or non-threaded through holes of varying sizes. Larger than our standard Silicone Pull Plug line, this range of pull plugs is hollowed out, making them lighter and more conformable. Recommended for powder coating, e-coating, plating and anodizing.

- For high-temperature processes up to 600°F (315°C)
- Hollow to make it lighter and more conforming
- Reusable

Material: Silicone **Color:** See chart for color coding



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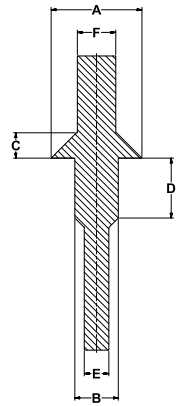
UWPP-SH Series

Silicone Washer Pull Plugs

UWPP-SH Series Ultrabake™ Silicone Washer Pull Plugs are designed to mask plain and threaded holes; they will mask off the hole and leave a circular grounding or earthing area around the hole. Recommended for powder coating, e-coating, plating and anodizing.

- For high-temperature processes up to 600°F (315°C)
- Washer design eliminates the need for two-stage masking
- Washer is dual-purpose designed to be used with counter sunk holes to mask off the faces of the counter sink
- Reusable

Material: Silicone **Color:** See chart for color coding



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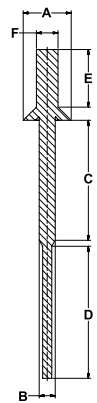
UWPPLS-SH Series

Silicone Washer Pull Plugs - Long Series

UWPPLS Series Ultrabake™ Silicone Washer Pull Plugs – Long Series are designed to mask plain and threaded holes; they will mask off the hole and leave a circular grounding or earthing area around the hole. Recommended for powder coating, e-coating, plating and anodizing.

- For high-temperature processes up to 600°F (315°C)
- Washer design eliminates the need for two-stage masking
- Washer is dual-purpose designed to be used with counter sunk holes to mask off the faces of the counter sink
- Long series for harder to reach areas
- Reusable

Material: Silicone **Color:** See chart for color coding



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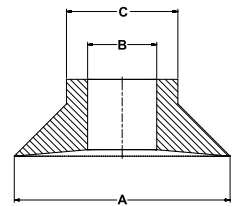
UWM-SH Series

Silicone Washer Masks (to be used with UWPP & UWPPLS Series)

UWM-SH Series Ultrabake™ Washer Masks are designed to cover plain and threaded studs. They will mask off the stud and allow finishing up to the stud.

- For high-temperature processes up to 600°F (315°C)
- Reusable

Material: Silicone **Color:** See chart for color coding



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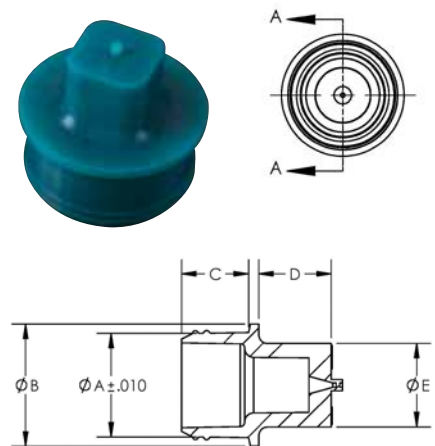
PTM-SH Series

Silicone Cap/Plugs

PTM-SH Series Ultrabake™ Silicone Cap/Plugs are designed to be used during the coating of pipes in the pipe fabrication and coating industries. This series was developed to mask the internally threaded ends of tubing to prevent the coating from getting inside.

- Tear-away venting nipple allows for a pressure release during the curing process
- Stays water-tight if not removed
- Outer rib for extra hold against threading on inside pipe
- Ergonomic handle design
- Recommended temperatures up to 600° F (315° C)

Material: Silicone **Color:** See chart for color coding



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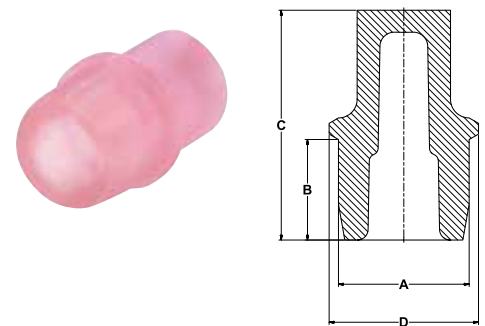
UTM-SH Series

Silicone Thread Masks

UTM-SH Series Ultrabake™ Thread Masks are designed to mask threaded holes; they will mask off the hole and the first thread of the hole. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Available in standard shallow design for blind holes and a Long Series for longer sealing areas
- Reusable

Material: Silicone **Color:** See chart for color coding



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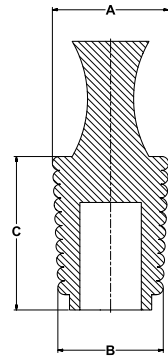
UFP-SH Series

Silicone Flangeless Plugs

UFP-SH Series Ultrabake™ Silicone Flangeless Plugs have a tapered design and hollow core to allow a single plug to be used in both threaded or non-threaded holes of varying sizes. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Protect threaded holes without masking surrounding area
- Reusable

Material: Silicone **Color:** See chart for color coding
Optional Color: White



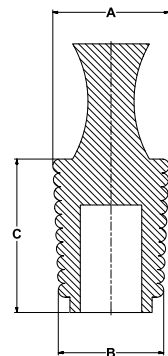
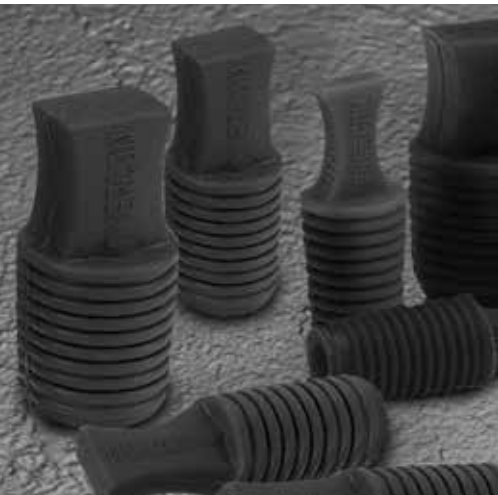
FP-SH Series

Oil-Resistant Rubber Flangeless Plugs

FP-SH Series Flangeless Plugs have a tapered design and hollow core to allow a single plug to be used in both threaded or non-threaded holes of varying sizes. Recommended for plating, painting and anodizing.

- Recommended temperatures up to 250°F (121°C)
- Protect threaded holes without masking surrounding area
- Reusable

Material: Nitrile-Butadiene Rubber **Color:** Black



ULTRA
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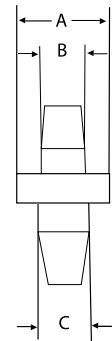
SWP Series

Silicone Washer Plugs

SWP Series Ultrabake™ Silicone Washer Plugs are designed for masking around a hole for grounding purposes or can be used as dual plugs.

- Temperature-resistant up to 600°F (315°C)

Material: Silicone **Color:** Natural



ULTRA
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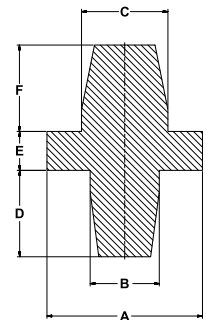
UW-SH Series

Silicone Washer Plugs

UW-SH Series Ultrabake™ Silicone Washer Plugs are designed to plug plain and threaded holes; they will mask off the hole and leave a circular grounding or earthing area around threaded and through holes. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Dual-purpose two-sided design to fit two hole sizes
- Washer design eliminates the need for two-stage masking
- Reusable

Material: Silicone **Color:** See chart for color coding
Optional Color: White



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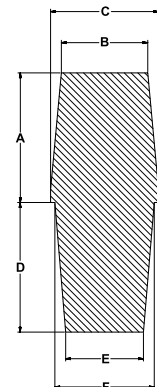
UDPP-SH Series

Silicone Dual-Purpose Plugs

UDPP-SH Series Ultrabake™ Dual-Purpose Plugs are designed to plug round or square, plain or threaded holes; they will mask off the hole and allow finishing up to it. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Hole can be round or square. One side of this plug is round and the other side is square
- Tapered to fit into a range of hole sizes
- Reusable

Material: Silicone **Color:** See chart for color coding



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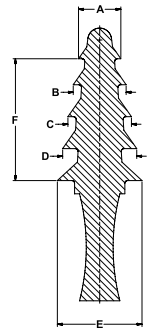
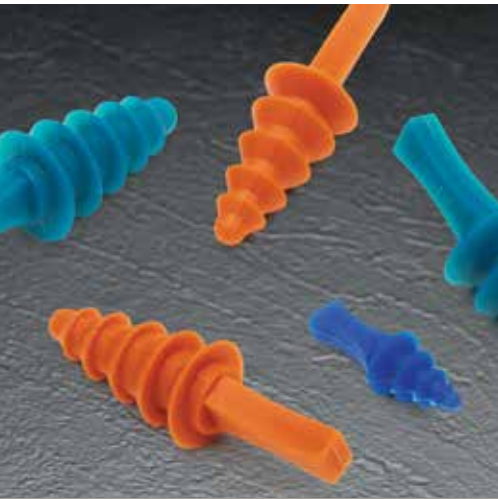
UMFP-SH Series

Silicone Multi-Flanged Plugs

UMFP-SH Series Ultrabake™ Silicone Multi-Flanged Plugs are designed to mask plain and threaded holes; they will mask off the hole and allow painting up to the hole. The fins on the plug are flexible so the plug can fit a range of holes. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Raised handle makes the plug easier to see and easier to remove
- Reusable

Material: Silicone **Color:** See chart for color coding
Optional Colors: Clear, White



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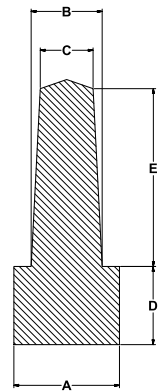
SP-SH Series

Silicone Step Plugs

SP-SH Series Ultrabake™ Silicone Step Plugs are designed to mask plain and threaded holes; they will mask off the hole and leave a circular grounding or earthing area around the hole. Recommended for powder coating, e-coating, plating and anodizing.

- For high-temperature processes up to 600°F (315°C)
- Wide handle design eliminates the need for two-stage masking
- Reusable

Material: Silicone **Color:** See chart for color coding
Optional Color: Clear



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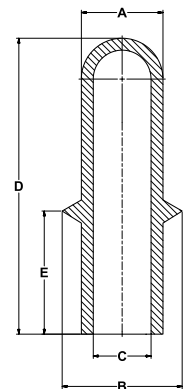
SFP-SH Series

Silicone Flanged Cap/Plugs

SFP-SH Series Ultrabake™ Silicone Flanged Cap/Plugs are designed to mask plain and threaded holes; they will mask off the hole and the first thread of a threaded hole. The plugs are dual purpose and can be used as a cap on longer studs. Recommended for powder coating, e-coating, plating and anodizing.

- For high-temperature processes up to 600°F (315°C)
- Reusable

Material: Silicone **Color:** See chart for color coding
Optional Colors: White





HETV and ETV Series

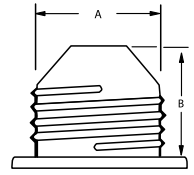
External Thread Plugs

HETV and ETV Series External Thread Plugs are temperature-resistant and can be easily pushed in and removed with no threading required. External threads hold plugs securely in place.

- Ideal for masking applications
- Flexible

Material: Flex500® or standard vinyl **Color:** Black
Optional Color: Yellow

Note: For low-temperature vinyl, please refer to ETV Series.



HTP and TP Series

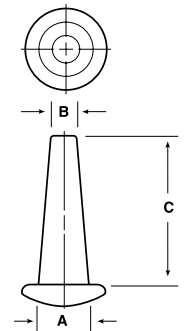
Tapered Vinyl Plugs

HTP and TP Series Flex500® Tapered Plugs are designed with a distinct tapered configuration, making them ideal for plugging small holes, ranging in diameter from .070" to .343". Ideal for masking applications during painting, plating and powder coating operations.

- Easy installation and removal
- Flexible

Material: Flex500® or standard vinyl **Color:** Black
Optional Color: Yellow

Note: For low-temperature vinyl, please refer to TP Series.



HVTP and VTP Series

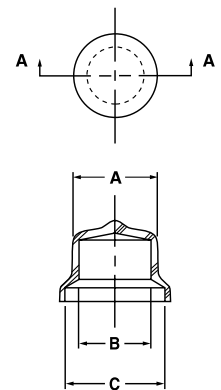
Tapered Vinyl Plugs

HVTP and VTP Series Flex500® Tapered Plugs provide a snug fit when pushed into open ports, ensuring a tight closure that will not pop out accidentally during processing or shipping. A simple tug on the flanged lip of an installed HVTP or VTP breaks the seal for easy removal. Ideal for masking applications during painting, plating and powder coating operations.

- Easy installation and removal
- Flexible

Material: Flex500® or standard vinyl **Color:** Black
Optional Color: Yellow

Note: For low-temperature vinyl, please refer to VTP Series.



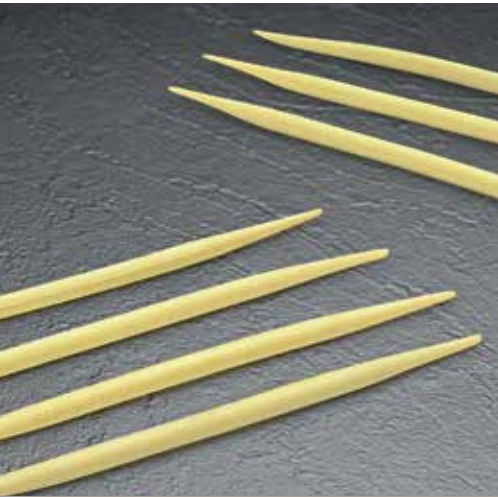
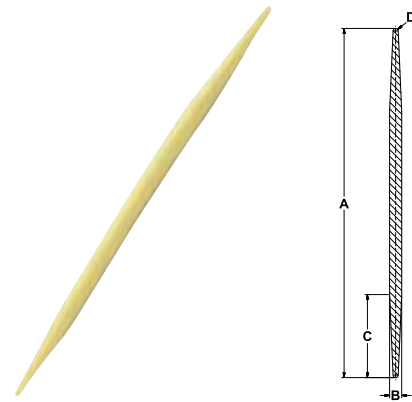
MT-SH Series

Mouse-Tail Pull Plugs

Mouse-Tail Pull Plugs are used for extremely small holes typically found on electronic components. They are thin and flexible, which allows them to fit into different hole sizes to create a tight seal. Available in two materials, the MT is made of EPDM and our SMT is made of high-temperature silicone. Recommended for powder coating, plating, anodizing, and e-coating.

- Ideal for small holes
- Stretchable to provide leak-proof seal
- Reusable

Material: Silicone or EPDM **Color:** Clear



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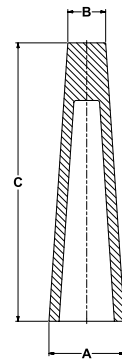
UHCP-SH Series

Silicone Hollow Cone Plugs

UHCP-SH Series Ultrabake™ Silicone Hollow Cone Plugs are designed to plug plain and threaded holes; they will mask off the hole and allow finishing up to it. Recommended for powder coating, e-coating, plating and anodizing.

- Recommended temperatures up to 600°F (315°C)
- Hollow and tapered to make this plug highly versatile
- Ideal for slotted and oval holes
- Reusable

Material: Silicone **Color:** See chart for color coding



PTP Series

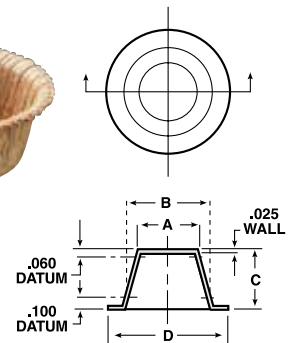
Tapered Paper Plugs

Manufactured from natural paper and 100% recyclable, PTP Series Tapered Paper Plugs are the answer for applications requiring “environmentally friendly” components. These closures will withstand intermittent temperatures up to 400°F (204°C), making them ideal for high-temperature applications, which may degrade typical plastic plugs. The flexibility and tapered design of the PTP Series allow quick, easy installation and removal.

- Made from recycled material
- 100% Recyclable
- Intermittent temperatures to 400°F (204°C)

Material: 90 lb. paperboard **Color:** Brown

Note: Products are manufactured from paper that is hygroscopic. This means that there may be minor dimensional variation with changes in relative humidity.



STPS-SH Series

Self-Threading Plugs

STPS-SH Series Self-Threading Plugs are self-tapping and create a leak-proof seal. The handles have holes that can be used for hanging. Recommended for painting, plating and anodizing.

- Recommended temperatures up to 180°F (82°C)
- Chemical-resistant

Material: Low-Density Polyethylene **Color:** White



US-SH Series

Silicone Sheetting

US-SH Series Ultrabake™ Silicone Sheetting can be used to cover large areas, die cut into shapes and used in conjunction with a double-sided tape, to mask off large areas. Alternatively, it can simply provide a liner or protective layer on areas that will come in contact with heat. Ideal for powder coating, e-coating, plating, anodizing and spray painting.

- Recommended temperatures up to 600°F (315°C)
- Flexible
- Can be die-cut into shapes for gaskets, pads, strips, washers or seals
- Reusable

Material: Silicone **Color:** Rusty Red



MDT-SH Series

Multi-Diameter Silicone Tubing

MDT-SH Series Ultrabake™ Multi-Diameter Silicone Tubing can be used to cover plain and threaded studs, shafts or other cylindrical parts; it will mask off the studs and can be used to mask off areas of shafts. Ideal for powder coating, e-coating, plating, anodizing and spray painting.

- Recommended temperatures up to 600°F (315°C)
- Flexible to fit a wide range of diameters
- Cut to length
- Reusable

Material: Silicone **Color:** Rusty Red



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UC-SH Series

Silicone Cord

UC-SH Series Ultrabake™ Silicone Cord can be used as a gasket or O-ring type material to mask off grooves, slots or keyways. Ideal for powder coating, e-coating, plating, anodizing and spray painting.

- Recommended temperatures up to 600°F (315°C)
- Flexible
- Cut to size
- Reusable

Material: Silicone **Color:** Clear



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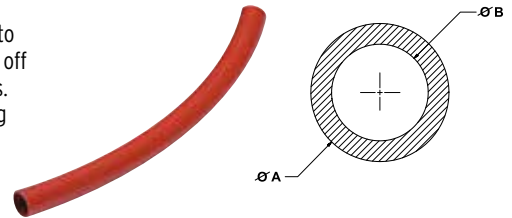
ST-SH Series

Silicone Tubing

ST-SH Series Ultrabake™ Silicone Tubing can be used to cover plain and threaded studs or shafts; it will mask off the studs and can be used to mask off areas of shafts. Ideal for powder coating, e-coating, plating, anodizing and spray painting.

- Recommended temperatures up to 600°F (315°C)
- 1/16" wall thickness
- Flexible
- Cut to length
- Reusable

Material: Silicone **Color:** See chart for color coding



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UST-SH Series

Silicone Star Tubing

UST-SH Series Ultrabake™ Silicone Star Tubing can be used to cover plain and threaded studs, shafts or other cylindrical parts; it will mask off the studs and can be used to mask off areas of shafts. Ideal for powder coating, e-coating, plating, anodizing and spray painting.

- Recommended temperatures up to 600°F (315°C)
- Star shape allows for easy removal
- Flexible to fit a wide range of diameters
- Cut to length
- Reusable

Material: Silicone **Color:** See chart for color coding



CSC Series

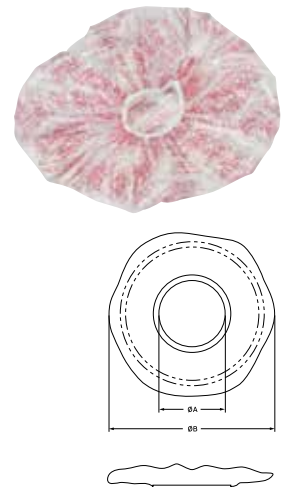
Clear Stretchable Covers

The CSC Series, commonly known as shower caps, are economical covers for a wide range of industrial and consumer applications. These covers can be stretched over a variety of applications to protect from dust, contaminant, and moisture. Ideal for masking applications, these plastic covers can be quickly installed and removed. To ensure the cover is visible once on an application, the Caplugs logo is pad-printed across the cover in red.

- Available in 8 different sizes, ranging from 3-3/4" to 17-1/2" in diameter (when laying flat)
- Reusable
- Manufactured of 3 mil. transparent polyethylene film and secured with a durable elastic band

Material: Polyethylene **Color:** Clear/Translucent

Note: Maximum fit/stretch capabilities are not provided, as that will greatly depend upon the application. To ensure you choose the best fit, we encourage you to sample the desired size prior to placing an order.



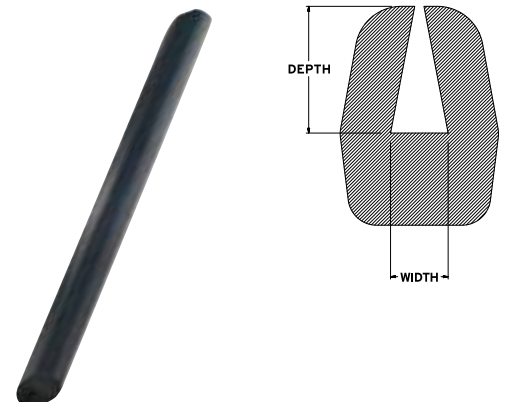
EP58-SH Series

Edge Protectors

EP58-SH Series Edge Protectors safeguard PC Board Connector surfaces. Use during cleaning, dipping and solder wave. Available in other materials.

- Recommended temperatures up to 350°F (177°C)
- Easily cuts to required lengths
- Reusable

Material: Neoprene **Color:** See chart for color coding



starter kits

SK-SH Series

Masking Starter Kits

SK-SH Series Starter Kits each contain a small selection of masking products that can be used together. Each kit is packaged in a plastic box, which is sectionalized and labeled to identify the parts. These kits are ideal for research and development work, small runs or for hobbyists.

Material: Various **Color:** Various (color-coded for sizing)



MKITS HVC Series

High-Temperature Vinyl Masking Kits

MKITS HVC Series High-Temperature Masking Kits allow you to keep a wide variety of sizes and styles on hand for quick and easy access. Flex500® is an innovative material formulated to withstand temperatures of 500°F and beyond. MKIT caps are ideal for masking applications including powder coating, e-coating, painting and more. Purchase one of our masking kits and get the carrying case free - a \$30 value. If you would rather build your own custom kit, just purchase \$100 in Micro Paks and get the carrying case free. Please reference the "free case promotion" when placing a custom kit order.

Material: Flex500® **Color:** Black



MKITS VC Series

Standard Vinyl Masking Kits

MKITS VC Series Standard Vinyl Masking Kits allow you to keep a wide variety of sizes and styles on hand for quick and easy access. Purchase one of our masking kits and get the carrying case free - a \$30 value. If you would rather build your own custom kit, just purchase \$100 in Micro Paks and get the carrying case free. Please reference the "free case promotion" when placing a custom kit order.

Material: Vinyl **Color:** Various (color-coded for sizing)



quick find selector guide for tapes & die-cuts

Caplugs is an authorized 3M distributor and tape converter. Many additional tapes are available. Please contact customer service at 1.888.CAPLUGS for more information or specific requests.

Tape Part No.	Die-cut Part No.	Backing Material	Color	Temperature	Adhesive	Aerospace Approved	Page
SRT-SH		Silicone	Various	600°F (315°C)	Self-adhering		78-79
22-SH	KP-SH	Polyimide	Amber	500°F (260°C)	Silicone	Yes	76
5413-SH	KP-SH	Polyimide	Amber	500°F (260°C)	Silicone		Call customer service
PC198-SH	GC-SH	Glass Cloth	White	500°F (260°C)	Silicone		76, 83-87
PC11-SH	PR-SH	Polyester	Red	425°F (218°C)	Silicone		77, 82-86
8402-SH		Polyester	Green	425°F (218°C)	Silicone		Call customer service
8403-SH		Polyester	Green	425°F (218°C)	Silicone		Call customer service
PC21-SH	PC-SH	Polyester	Green	400°F (204°C)	Silicone	Yes	77, 82-86
PC25-SH		Polyester	Green	400°F (204°C)	Silicone		76
PC30-SH		Polyester	Yellow	400°F (204°C)	Silicone		77
PC90-SH	PB-SH	Polyester	Blue	400°F (204°C)	Silicone	Yes	77, 82-86
7503-SH	TF-SH	Teflon®	Grey	400°F (204°C)	Silicone		88-90
PC23-SH		Polyester	Red	400°F (204°C)	Silicone		Call customer service
213-SH		Crepe Paper	Tan	350°F (177°C)	Rubber		Call customer service
214-SH		Crepe Paper	Off-White	350°F (177°C)	Rubber		Call customer service
425-SH	AF-SH	Aluminum	Silver	300°F (149°C)	Acrylic	Yes	88-90
427-SH	AF-SH	Aluminum (on liner)	Silver	300°F (149°C)	Acrylic	Yes	88-90
KD11-SH	EZ-SH & KD-SH	Crepe Paper	Off-White	300°F (149°C)	Acrylic	Yes	77, 83-87
853-SH		Polyester	Clear	300°F (149°C)	Silicone		Call customer service
218-SH		Polypropylene	Green	250°F (121°C)	Rubber	Yes	Call customer service
420-SH	LF-SH	Lead Foil (on liner)	Silver	225°F (107°C)	Rubber	Yes	88-90
421-SH	LF-SH	Lead Foil	Silver	225°F (107°C)	Rubber		88-90
NAY		Vinyl	Yellow	210°F (99°C)	None		Call customer service
SC1-100		Vinyl	Yellow	210°F (99°C)	Rubber		Call customer service
232-SH		Crepe Paper	Tan	200°F (93°C)	Rubber	Yes	Call customer service
250-SH		Flatback Paper	Off-White	200°F (93°C)	Rubber	Yes	Call customer service
470-SH	AD-SH & EV-SH	Vinyl	Tan	170°F (77°C)	Rubber	Yes	89-91
484-SH	EV-SH	Vinyl	Tan	170°F (77°C)	Rubber		89-91
471-SH		Vinyl	Various	170°F (77°C)	Rubber	Yes	Call customer service

Tape Series

Polyester, Polyimide, Glass Cloth and Paper Masking Tapes



†PC23-SH is available and is a slightly thicker version of the PC21-SH tape. Color: Red
Contact customer service for more information.

*Length of roll = 36 yards

‡ Total thickness

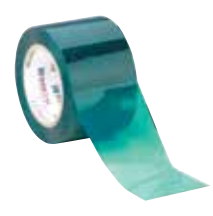
◆ Some KD11-SH tape sizes vary from chart.
 Visit www.caplugs.com or contact customer service for exact dimensions.



Used as electrical and thermal insulation for cable wrap, splicing tape and solder masks for circuit boards.



Ideal for powder coating, blasting, stenciling and electrical insulation. Strong tensile strength and tear-resistant.



Heavy-duty, double-thick tape for strong rigidity and tear strength. Ideal for larger surfaces.

Description			22-SH	PC198-SH	PC25-SH
Item Category			22-SH	PC198-SH	PC25-SH
Film Type			Polyimide	Glass cloth	Polyester
Max. Temperature			500°F (260°C)	500°F (260°C)	400°F (204°C)
Color			Amber	White	Green
Film			1 mil	5.4 mil	5 mil
Adhesive			1.5 mil	2.1 mil	1.5 mil
Adhesive Type			Silicone	Silicone	Silicone
Length			36 yds	36 yds	72 yds
Size		Packaging	Extreme High Temperature		Heavy Duty
Fraction	Decimal	Rolls/Case			
1/8	.125	36	220125	PC1980125	
3/16	.187				
1/4	.250	36	220250	PC1980250	PC250250
5/16	.312				
3/8	.375	24	220375	PC1980375	PC250375
7/16	.437				
1/2	.500	18	220500	PC1980500	PC250500
5/8	.625	12	220625	PC1980625	
3/4	.750	12	220750	PC1980750	PC250750
7/8	.875				
1	1.000	12	221000	PC1981000	PC251000
1-1/4	1.250	9	221250	PC1981250	
1-1/2	1.500	6	221500	PC1981500	
1-3/4	1.750				
2	2.000	6	222000	PC1982000	PC252000
2-1/2	2.500	4	222500	PC1982500	
3	3.000	4	223000	PC1983000	PC253000
3-1/2	3.500				
4	4.000	4	224000	PC1984000	PC254000
4-1/2	4.500				
5	5.000	2			PC255000
5-1/2	5.500				
6	6.000	2	226000	PC1986000	PC256000
7	7.000	2			PC257000
8	8.000	2			PC258000
9	9.000	1			PC259000
10	10.000	1			PC2510000

METRIC SIZES

Size		Packaging	Extreme High Temperature		Heavy Duty
Width (mm)		Rolls/Case			
5		36	225MM	PC1985MM	
10		24	2210MM	PC19810MM	
15		18	2215MM	PC19815MM	
20		12	2220MM	PC19820MM	
25		12	2225MM	PC19825MM	
30		12	2230MM	PC19830MM	
35					
40		6	2240MM	PC19840MM	
45		6	2245MM	PC19845MM	
50		6	2250MM	PC19850MM	
80		4	2280MM	PC19880MM	
100		4	22100MM	PC198100MM	
150		2	22150MM	PC198150MM	

BT100-SH Series

Rubber Blasting Tape

The BT100-SH Series is a protective masking tape during plastic media blast (PMB), blast (dry strip paint removal) or other shot-peen processes. The tape prevents small particles of blast media and other foreign debris from infiltrating and damaging sensitive surfaces, components and control systems. It can be used in a wide variety of applications including aerospace, industrial and automotive masking. A white crepe release-coated paper liner allows the tape to tear easily by hand.

- Remains flexible
- Resists cracking
- Conforms to irregular (curved) surfaces
- Clean removal
- Aggressive acrylic adhesive allows for instant adhesion

Material: Rubber **Color:** Cream



ULTRA
BAKE™

SRT-SH Series

Silicone Tape

SRT-SH Series Ultrabake™ Silicone Tape is a wrapping tape. It does not have an adhesive, but can bond to itself as it is wrapped around items. It will mask off the ends or sections of shafts and tubes. It can also be used to form a tough resilient void-free insulation. SRT-SH is contoured so that as it is spiraled around and along, it forms a consistent thick layer of tape. Ideal for powder coating, e-coating, plating, anodizing and spray painting.

- Recommended temperatures up to 600°F (315°C)
- Self-adhering and self-fusing
- Flexible
- Cut to length
- Reusable

Material: Silicone **Color:** See chart for color coding



Extremely effective when masking a flat surface, **custom die-cuts** are **quick and easy** to apply and remove - and can even be fitted with **pull tabs** to expedite the removal process. The solution is ideal for **wet paint, powder coating, e-coating and plating operations**. Custom die-cuts are also an **economical way** to eliminate tedious manual masking steps from any finishing line.

Caplugs offers four unique die-cutting processes to produce a wide range of solutions for product protection and masking purposes.

- **Plotter** – Customizable and inexpensive. No tooling required. Quickest way to produce samples from multiple file formats. Ideal for small runs and making die-cut kits together.
- **Steel Rule Die Press** – Known as “cookie-cutter dies.” Low-cost tooling option for short-run productions.
- **Rotary Die-Cutter** – Tooling required to create a cylindrical solid engraved die for a rotary press. Ideal for high-volume runs.
- **Magnetic Plate Die-Cutting** – Same as Rotary, but using a thinner magnetic plate tool to wrap around a base magnetic cylinder. Economical tooling cost for high-volume runs.

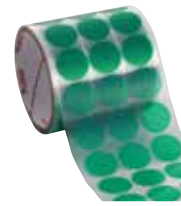
Additional options include:

- Kits
- Perforated liner
- Slit back liner
- Carrier tape
- Pull tabs



Die-Cut Discs Series

Polyester, Polyimide, Cloth and Paper Masking Tape Discs



Ideal for powder coating and e-coating.



Ideal for powder coating and e-coating.



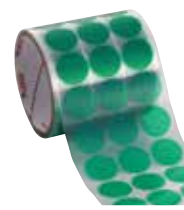
Ideal for powder coating and e-coating.

Description				PC-SH	PR-SH	PB-SH
Item Category				Polyester	Polyester	Polyester
Film Type				400°F (204°C)	425°F (220°C)	400°F (204°C)
Max. Temperature				Green	Red	Blue
Color				2 mil	2 mil	1 mil
Film				1.5 mil	1.5 mil	2 mil
Adhesive				Silicone	Silicone	Silicone
Adhesive Type				Standard Polyester (High Temperature)		
Size			Quantity Per Roll			
Fraction	Decimal	Metric				
3/32	.093	2.36	1000			
1/8	.125	3.18	2000	PC00125	PR00125	PB00125
5/32	.156	3.96	1000			
3/16	.187	4.75	2000	PC00187	PR00187	PB00187
7/32	.218	5.54	1000			
1/4	.250	6.35	2000	PC00250	PR00250	PB00250
9/32	.281	7.14	1000			
5/16	.312	7.92	2000	PC00312	PR00312	PB00312
11/32	.343	8.71	1000			
3/8	.375	9.53	2000	PC00375	PR00375	PB00375
13/32	.406	10.31	1000			
7/16	.437	11.10	2000	PC00437	PR00437	PB00437
15/32	.468	11.89	1000			
1/2	.500	12.70	2000	PC00500	PR00500	PB00500
17/32	.531	13.49	1000			
9/16	.562	14.27	2000	PC00562	PR00562	PB00562
19/32	.594	15.09	1000			
5/8	.625	15.88	2000	PC00625	PR00625	PB00625
21/32	.656	16.66	1000			
11/16	.687	17.45	1000	PC00687	PR00687	PB00687
23/32	.719	18.26	1000			
3/4	.750	19.05	1000	PC00750	PR00750	PB00750
13/16	.812	20.62	1000	PC00812	PR00812	PB00812
7/8	.875	22.23	500	PC00875	PR00875	PB00875
15/16	.937	23.80	500	PC00937	PR00937	PB00937
1	1.000	25.40	500	PC01000	PR01000	PB01000
1-1/16	1.062	26.97	500	PC01062	PR01062	PB01062
1-1/8	1.125	28.58	500	PC01125	PR01125	PB01125
1-3/16	1.187	30.15	500	PC01187	PR01187	PB01187
1-1/4	1.250	31.75	500	PC01250	PR01250	PB01250
1-5/16	1.312	33.32	500	PC01312	PR01312	PB01312
1-3/8	1.375	34.93	500	PC01375	PR01375	PB01375
1-7/16	1.437	36.50	500	PC01437	PR01437	PB01437
1-1/2	1.500	38.10	500	PC01500	PR01500	PB01500
1-9/16	1.562	39.67	500	PC01562	PR01562	PB01562
1-5/8	1.625	41.28	250	PC01625	PR01625	PB01625
1-11/16	1.687	42.85	250	PC01687	PR01687	PB01687
1-3/4	1.750	44.45	250	PC01750	PR01750	PB01750
1-13/16	1.812	46.02	250	PC01812	PR01812	PB01812

Continued on page 84.

Die-Cut Discs Series

Polyester, Polyimide, Cloth and Paper Masking Tape Discs (cont.)



Ideal for powder coating and e-coating.



Ideal for powder coating and e-coating.



Ideal for powder coating and e-coating.

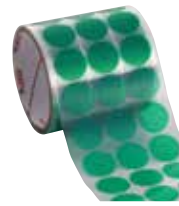
Description

Item Category				PC-SH	PR-SH	PB-SH
Film Type				Polyester	Polyester	Polyester
Max. Temperature				400°F (204°C)	425°F (220°C)	400°F (204°C)
Color				Green	Red	Blue
Film				2 mil	2 mil	1 mil
Adhesive				1.5 mil	1.5 mil	2 mil
Adhesive Type				Silicone	Silicone	Silicone
Size			Quantity Per Roll	Standard Polyester (High Temperature)		
Fraction	Decimal	Metric		PC	PR	PB
1-7/8	1.875	47.63	250	PC01875	PR01875	PB01875
1-15/16	1.937	49.20	250	PC01937	PR01937	PB01937
2	2.000	50.80	100	PC02000	PR02000	PB02000
2-1/8	2.125	53.98	100			
2-1/4	2.250	57.15	100	PC02250	PR02250	PB02250
2-3/8	2.375	60.33	100			
2-1/2	2.500	63.50	100	PC02500	PR02500	PB02500
2-5/8	2.625	66.68	100			
2-3/4	2.750	69.85	100	PC02750	PR02750	PB02750
2-7/8	2.875	73.03	100			
3	3.000	76.20	100	PC03000	PR03000	PB03000
3-1/4	3.250	82.55	100	PC03250	PR03250	PB03250
3-1/2	3.500	88.90	100	PC03500	PR03500	PB03500
3-3/4	3.750	95.25	100	PC03750	PR03750	PB03750
4	4.000	101.60	100	PC04000	PR04000	PB04000
4-1/4	4.250	107.95	100	PC04250	PR04250	PB04250
4-1/2	4.500	114.30	100	PC04500	PR04500	PB04500
4-3/4	4.750	120.65	100	PC04750	PR04750	PB04750
5	5.000	127.00	100	PC05000	PR05000	PB05000
5-1/4	5.250	133.35	100	PC05250	PR05250	PB05250
5-1/2	5.500	139.70	100	PC05500	PR05500	PB05500
5-3/4	5.750	146.05	100	PC05750	PR05750	PB05750
6	6.000	152.40	100	PC06000	PR06000	PB06000

Metric sizes on page 86.

Die-Cut Discs Series

Polyester, Polyimide, Cloth and Paper Masking Tape Discs (cont.)



Ideal for powder coating and e-coating.



Ideal for powder coating and e-coating.



Ideal for powder coating and e-coating.

Description

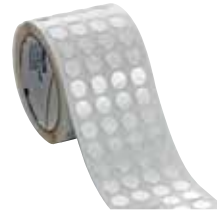
METRIC SIZES

Item Category		PC-SH	PR-SH	PB-SH
Size	Quantity Per Roll	Standard Polyester (High Temperature)		
Width (mm)				
3				
4	2000	PC004MM		PB004MM
5	2000	PC005MM	PR005MM	PB005MM
6	2000	PC006MM		
7	2000	PC007MM		
8	2000	PC008MM		
9	2000	PC009MM		PB009MM
10	2000	PC010MM	PR010MM	
11	2000	PC011MM		
12	2000	PC012MM	PR012MM	
13	2000	PC013MM		
14	2000	PC014MM	PR014MM	
15	2000	PC015MM		
16	2000	PC016MM	PR016MM	
17	1000	PC017MM		
18	1000	PC018MM	PR018MM	PB018MM
19	1000	PC019MM		
20	1000	PC020MM	PR020MM	PB020MM
21	1000	PC021MM		
22	500	PC022MM		PB022MM
23	500	PC023MM		
24	500	PC024MM		
25	500	PC025MM	PR025MM	
29	500	PC029MM		
30	500	PC030MM	PR030MM	
33	500	PC033MM		
34	500	PC034MM		
35	250	PC035MM	PR035MM	PB035MM
36	250	PC036MM		
40	250	PC040MM		PB040MM
45	250	PC045MM	PR045MM	
48	250	PC048MM		
50	250	PC050MM		
55	250	PC055MM		
60	250	PC060MM	PR060MM	
65	250	PC065MM		
70	250	PC070MM	PR070MM	
75	100	PC075MM		
80	100	PC080MM		
85	100	PC085MM		
90	100	PC090MM		
95	100	PC095MM		
100	100	PC100MM	PR100MM	
105				
110	100	PC110MM		
120	100	PC120MM		
130	100	PC130MM		
140	100	PC140MM		
150	100	PC150MM		

Die-Cut Discs Series Plating/Anodizing Discs



Versatile material that is highly conformable and resistant to most chemicals.



Ideal for painting, stripping and electroplating. Thermally conductive and resistant to chemicals and moisture.



Best suited from chrome, cadmium, nickel plating and chemical milling. Acid-resistant and electrically conductive.

Description

Item Category				TF-SH	AF-SH*	LF-SH					
Material				Teflon®	Aluminum Foil	Lead Foil					
Max. Temperature				400°F (204°C)	300°F (149°C)	225°F (107°C)					
Color				Grey	Silver	Silver					
Film				2 mil	2.8 mil	4.7					
Adhesive				1.7 mil	1.8 mil	2.1					
Adhesive Type				Silicone	Acrylic	Foil					
Size			Quantity Per Roll	High Temperature			Low Temperature				
Fraction	Decimal	Metric		TF00125			AF00125			LF00125	
1/8	.125	3.18	2000	TF00125	AF00125	LF00125					
3/16	.187	4.75	2000	TF00187	AF00187	LF00187					
1/4	.250	6.35	2000	TF00250	AF00250	LF00250					
5/16	.312	7.92	2000	TF00312	AF00312	LF00312					
3/8	.375	9.53	2000	TF00375	AF00375	LF00375					
7/16	.437	11.10	2000	TF00437	AF00437	LF00437					
1/2	.500	12.70	2000	TF00500	AF00500	LF00500					
9/16	.562	14.27	2000	TF00562	AF00562	LF00562					
5/8	.625	15.88	2000	TF00625	AF00625	LF00625					
11/16	.687	17.45	1000	TF00687	AF00687	LF00687					
3/4	.750	19.05	1000	TF00750	AF00750	LF00750					
13/16	.812	20.62	1000	TF00812	AF00812	LF00812					
7/8	.875	22.23	500	TF00875	AF00875	LF00875					
15/16	.937	23.80	500	TF00937	AF00937	LF00937					
1	1.000	25.40	500	TF01000	AF01000	LF01000					
1-1/16	1.062	26.97	500	TF01062	AF01062	LF01062					
1-1/8	1.125	28.58	500	TF01125	AF01125	LF01125					
1-3/16	1.187	30.15	500	TF01187	AF01187	LF01187					
1-1/4	1.250	31.75	500	TF01250	AF01250	LF01250					
1-5/16	1.312	33.32	500	TF01312	AF01312	LF01312					
1-3/8	1.375	34.93	500	TF01375	AF01375	LF01375					
1-7/16	1.437	36.50	500	TF01437	AF01437	LF01437					
1-1/2	1.500	38.10	500	TF01500	AF01500	LF01500					
1-9/16	1.562	39.67	500	TF01562	AF01562	LF01562					
1-5/8	1.625	41.28	250	TF01625	AF01625	LF01625					
1-11/16	1.687	42.85	250	TF01687	AF01687	LF01687					
1-3/4	1.750	44.45	250	TF01750	AF01750	LF01750					
1-13/16	1.812	46.02	250	TF01812	AF01812	LF01812					
1-7/8	1.875	47.63	250	TF01875	AF01875	LF01875					
1-15/16	1.937	49.20	250	TF01937	AF01937	LF01937					
2	2.000	50.80	100	TF02000	AF02000	LF02000					

Metric sizes continue on page 90.

*Government specifications: SAE-AMS-T-23397
Tape rolls also available in standard widths.

Die-Cut Discs Series Plating/Anodizing Discs

METRIC SIZES				
Item Category		TF-SH	AF-SH*	LF-SH
Size Width (mm)	Quantity Per Roll			
3	2000	TF003MM	AF003MM	
4	2000	TF004MM	AF004MM	LF004MM
5	2000	TF005MM	AF005MM	
6	2000	TF006MM	AF006MM	LF006MM
7	2000	TF007MM	AF007MM	LF007MM
8	2000	TF008MM	AF008MM	LF008MM
9	2000	TF009MM	AF009MM	LF009MM
10	2000	TF010MM	AF010MM	LF010MM
11	2000	TF011MM	AF011MM	
12	2000	TF012MM	AF012MM	LF012MM
13	2000	TF013MM	AF013MM	LF013MM
14	2000	TF014MM	AF014MM	LF014MM
15	2000	TF015MM	AF015MM	LF015MM
16	2000	TF016MM	AF016MM	LF016MM
17	1000	TF017MM	AF017MM	
18	1000	TF018MM	AF018MM	LF018MM
19	1000	TF019MM	AF019MM	LF019MM
20	1000	TF020MM	AF020MM	LF020MM
21	1000	TF021MM	AF021MM	
22	500	TF022MM	AF022MM	LF022MM
23	500	TF023MM	AF023MM	
24	500	TF024MM	AF024MM	
25	500	TF025MM	AF025MM	LF025MM
30	500	TF030MM	AF030MM	LF030MM
35	250	TF035MM	AF035MM	LF035MM
37	500			LF037MM
40	250	TF040MM	AF040MM	
45	250	TF045MM	AF045MM	
50	250	TF050MM	AF050MM	

*Government specifications: SAE-AMS-T-23397
Tape rolls also available in standard widths.

AIR-SH Series

A Masking Highlight: Aircraft Windows

Paint removal masks safeguard windows by forming an impenetrable barrier against chemical action. The masks are pre-cut to aircraft window sizes from high-quality pressure sensitive aluminum foil.

Paint masks fit like a template over the entire window assembly to protect against paint overspray. The material is a strong, crepe-masking tape, pre-cut to window-to-window dimensions and carried on an easily removed liner.

Masks can be ordered in either aluminum for stripping applications, or paper for painting applications. Custom masks for any aircraft can be manufactured to your specifications. Contact customer service for details.

Material: Crepe paper or Aluminum



PCD-SH Series

PC21 Green Polyester Tape Donuts

A die-cut donut version of our PC21 high-temperature polyester film tape. It is the industry standard for general purpose powder coating applications. It is used to mask off areas that do not require coating. Recommended for powder coating, e-coating and anodizing.

- Recommended temperatures up to 400°F (204°C)
- 2 mil polyester, 1.5 mil silicone adhesive
- Silicone adhesive will not leave an adhesive residue

Material: Polyester **Color:** Green



PC-SH Series

PC21 Green Polyester Tape Squares

A die-cut square version of our PC21 high-temperature polyester film tape. It is the industry standard for general purpose powder coating applications. It is used to mask off areas that do not require coating. Recommended for powder coating, e-coating and anodizing.

- Recommended temperatures up to 400°F (204°C)
- 2 mil polyester, 1.5 mil silicone adhesive
- Silicone adhesive will not leave an adhesive residue

Material: Polyester **Color:** Green



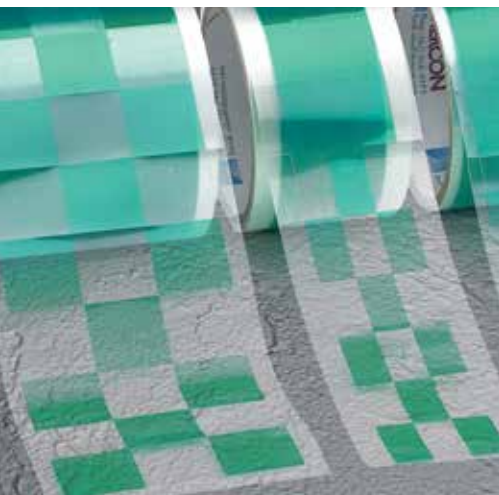
PC-SH Series

PC21 Green Polyester Tape Rectangles

A die-cut rectangle version of our PC21 high-temperature polyester film tape. It is the industry standard for general purpose powder coating applications. It is used to mask off areas that do not require coating. Recommended for powder coating, e-coating and anodizing.

- Recommended temperatures up to 400°F (204°C)
- 2 mil polyester, 1.5 mil silicone adhesive
- Silicone adhesive will not leave an adhesive residue

Material: Polyester **Color:** Green



WBD-SH Series

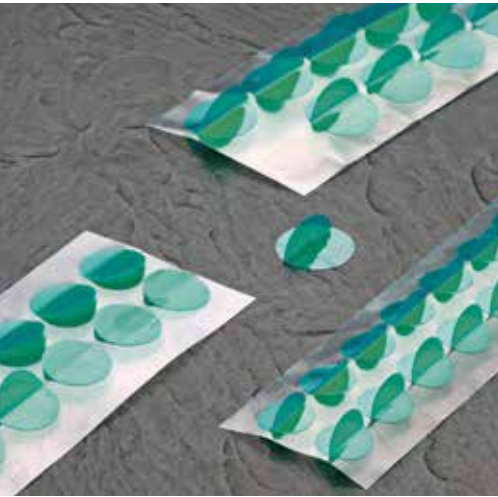
Wishbone™ Discs

WBD-SH Series Wishbone™ Discs have a unique tab for easy application and removal. Commonly used during powder coating and anodizing applications.

- Recommended temperatures up to 400°F (204°C)
- 2 mil polyester, 1.5 mil silicone adhesive
- Quick removal tab
- Will not leave residue when removed

* Patent Protected, US Patent #6,656,558
International Patents in Force

Material: Polyester **Color:** Green



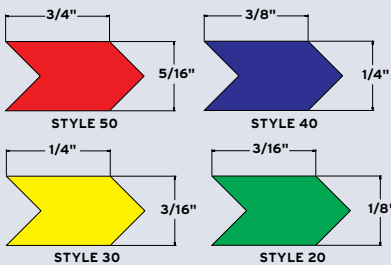
AR-SH and CD-SH Series

Inspection/Identification Arrows and Dots

Inspection/Identification Arrows and Dots can be permanently affixed or removed without leaving any residue. They are color-coded to identify and point directly to problem areas on any equipment.

- Recommended temperatures up to 425°F (220°C)
- Use for flagging, identification, quality inspections or to indicate repair

Material: Paper or Vinyl **Color:** See chart for color coding



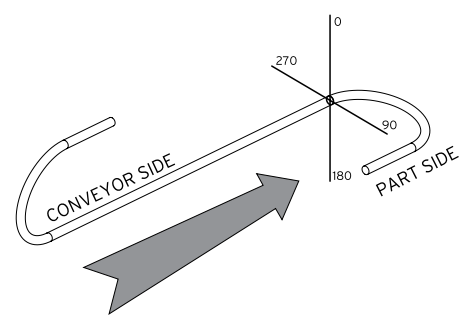
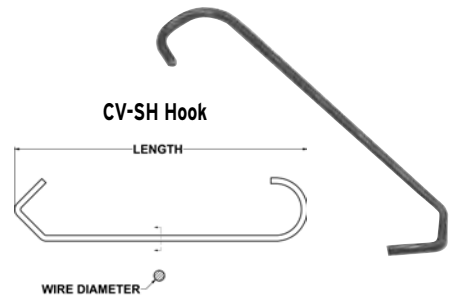
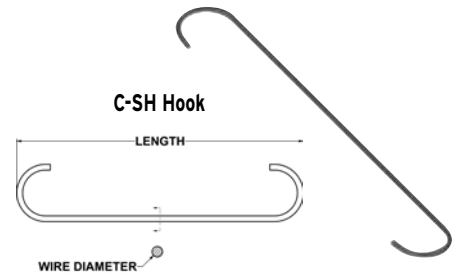
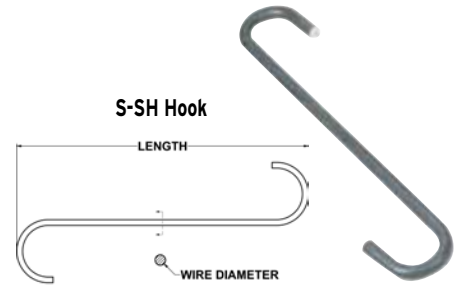
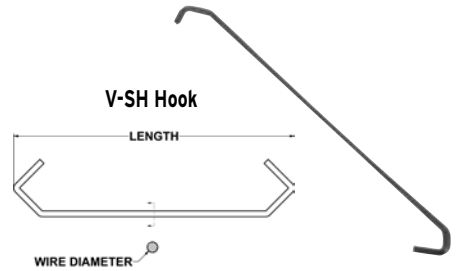
Hook Series

V-Hooks, S-Hooks, C-Hooks, CV-Hooks

Our hooks are ideal for both powder and e-coating processes. They are manufactured from high-quality spring-tempered steel.

- Minimal hook mark
- Solid metal-to-metal contact for increased conductivity
- Consistent grounding for more cycles
- Increased hook life without stripping (burn off)
- Over 200 standard sizes

Material: Spring-tempered steel **Color:** Metal



Custom Hooks

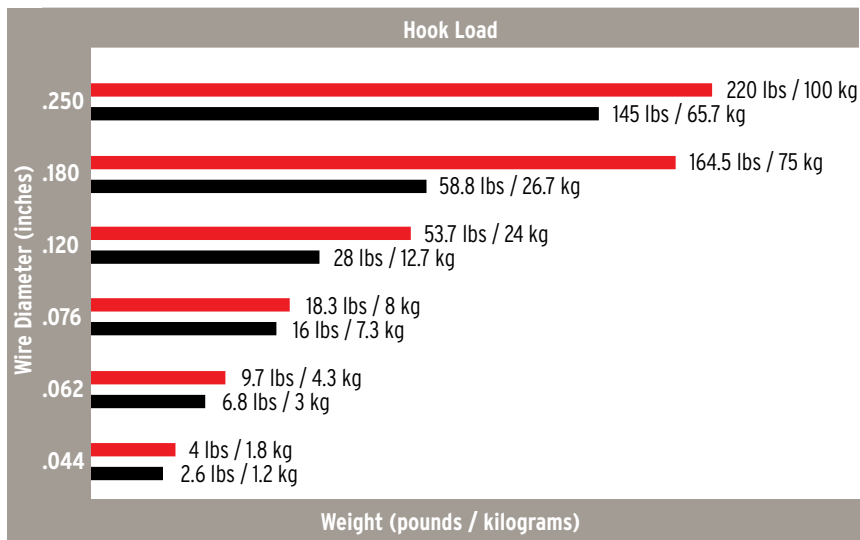
Through state-of-the-art equipment, we have the capability to manufacture custom hooks. Caplugs will supply samples, formed to your exact specifications, within 2 days. Call us today.

Hook Part Numbers

Hook Shape	Hook Wire Diameter	Hook Length	Hook Angle
V	044 (.044")	3"	The hook angle is measured clockwise looking at the bottom hook end.
S	062 (.062")	4"	
C	076 (.076")	5"	
CV	120 (.120")	6"	
SQV	180 (.180")	10"	

Hook Loads

■ V-Hooks ■ C-, S-, CV-Hooks



This load data was compiled under static load conditions in a laboratory and is given for reference only. The actual dynamic load capacity will vary. It is the customer's obligation to determine whether the actual dynamic load capacity is suitable for the customer's purpose.

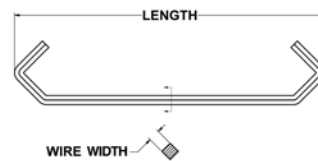
SQV-SH Series

Square V-Hooks

SQV-SH Series Square V-Hooks are ideal for both powder and e-coating processes. They are manufactured from high-quality spring steel.

- Reduced hook mark
- Consistent grounding for more cycles
- Increased hook life without stripping (burn off)

Material: Spring-tempered steel **Color:** Metal



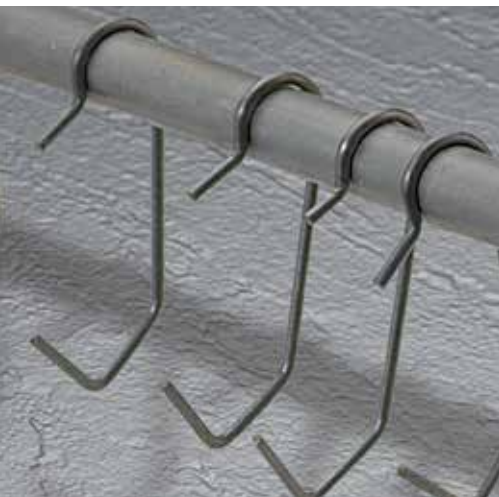
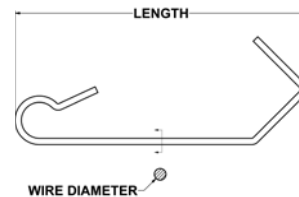
Snap Hooks

SHVA-SH, SHVB-SH, SHVC-SH Snap Hooks

Our Snap Hooks are designed for use during powder and liquid coating processes. They are manufactured from high-quality spring steel.

- Maintains fixed spacing
- Locks firmly into position
- Solid metal-to-metal contact for conductivity
- High load capacity (see load chart)

Material: Spring-tempered steel **Color:** Metal



Snap Hook Part Numbers

Hook Shape	Rod Diameter	Hook Wire Diameter	Hook Angle
SHV	A = 3/16"	044 (.044")	1.75"
	B = 1/4"	062 (.062")	2"
	C = 3/8"	076 (.076")	3"
		120 (.120")	4"
		180 (.180")	6"

Caplugs No.	Dimensions				Packaging Quantity Per Bag
	Wire Diameter		Length		
	In	mm	In	mm	
SHVA-044-1.75	.044	1.12	1.75	44.45	1000
SHVA-062-1.75	.062	1.57	1.75	44.45	1000
SHVA-076-1.75	.076	1.93	1.75	44.45	1000
SHVB-044-1.75	.044	1.12	1.75	44.45	1000
SHVB-062-1.75	.062	1.57	1.75	44.45	1000
SHVB-076-1.75	.076	1.93	1.75	44.45	1000
SHVC-044-1.75	.044	1.12	1.75	44.45	1000
SHVC-062-1.75	.062	1.57	1.75	44.45	1000
SHVC-076-1.75	.076	1.93	1.75	44.45	1000

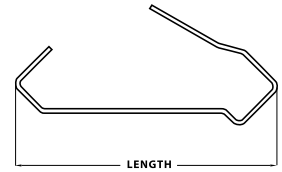
VB-SH Series

Smart Hooks™

VB-SH Series Smart Hooks™ are used with our modular rack and Smart Bar™.

- Perfect contact every time
- Hooks lock into position

Material: Spring-tempered steel **Color:** Metal



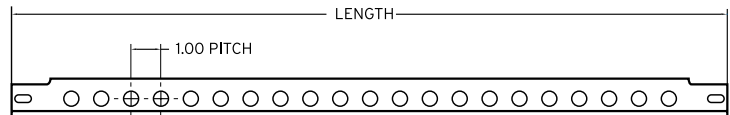
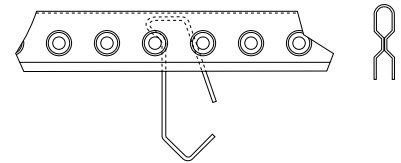
SB-SH Series

Smart Bar™

SB-SH Series Smart Bar™ is used with our modular racks. Design your own custom rack from our list of stock parts.

- Perfect contact every time
- Hooks lock into position

Material: Spring-tempered steel **Color:** Metal

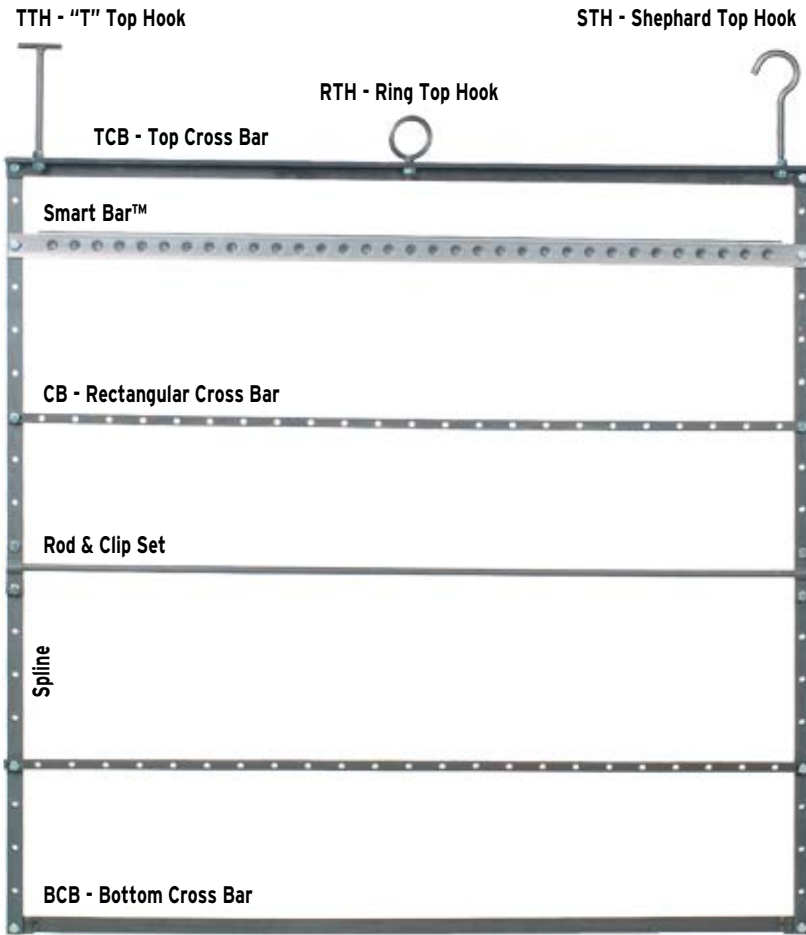


Modular Racks

Custom Rack Design

Design your own custom rack from our list of stock parts.

Material: Steel bar and spring steel **Color:** Metal



TCB-SH Series (Top Cross Bars)	
Caplugs No.	Length
TCB-24	24"
TCB-36	36"
TCB-48	48"

SPLINE-SH Series (Splines)	
Caplugs No.	Length
SPLINE-24	24"
SPLINE-36	36"
SPLINE-48	48"

CB-SH Series (Rectangular Cross Bars)	
Caplugs No.	Length
CB-24	24"
CB-36	36"
CB-48	48"

BCB-SH Series (Bottom Cross Bars)	
Caplugs No.	Length
BCB-24	24"
BCB-36	36"
BCB-48	48"

TH-SH Series (Top Hooks)	
STH	Shephard Top Hook
TTH	"T" Hook
RTH	Ring Hook

ROD-SH Series (Rod and Clip Sets)	
Caplugs No.	Length
ROD-3/16-24	24"
ROD-3/16-36	36"
ROD-3/16-48	48"
ROD-1/4-24	24"
ROD-1/4-36	36"
ROD-1/4-48	48"
ROD-3/8-24	24"
ROD-3/8-36	36"
ROD-3/8-48	48"



With over **6,000** standard masking products and **400** million parts in stock, Caplugs is always ready to deliver a solution.

Easy Ways to Order

After you've found the proper part, Caplugs offers four purchasing options:

- 1** Call Customer Service at **1.888.CAPPLUGS**
- 2** Visit **www.caplugs.com/masking**
- 3** Email **sales@caplugs.com**
- 4** Contact your **local sales** representative



Free Samples

In an effort to ensure our customers are purchasing the appropriate size, functionality and fit for their needs, **free masking samples are available.**

material selection by temperature

Up to 600°F		Up to 350°F		Up to 190°F	
600°F/315°C CSPP-SH, DFPP-SH, HFPP-SH, HUPH-SH, HUP-SH, HWP-SH, MDT-SH, MPP-SH-SP, MPP-SH, MSP-SH, MT-SH, PTM-SH, RMCP-SH, SC-SH, SFC, SFP-SH, SHPP-SH, SM-SH, SMT-SH, SPP-SH, SP-SH, SRC-SH, SRT-SH, ST-SH, SWP, TS, UC-SH, UDPP-SH, UFP-SH, UHCP-SH, UMFP-SH, UPH-SH, UP-SH, US-SH, UST-SH, UTM-SH, UVCP-SH, UVC-SH, UWM-SH, UWPLS-SH, UWPP-SH, UW-SH, WC-SH, ZC-SH	Silicone	350°F/177°C ETV, EZ, TP, VC, VFC, VTP	Standard Vinyl	170°F/77°C AD-SH	Anodizing Vinyl
500°F/260°C Z2-SH, KP-SH	Polyimide	350°F/177°C BN-SH, EP58-SH, GN-SH	Neoprene	170°F/77°C EV-SH	Electroplaters Vinyl
500°F/260°C PC198-SH, GC-SH	Glass Cloth	350°F/177°C CM-SH, PP-SH, MT-SH	EPDM		
500°F/260°C HCR, HETV, HEZ, HFC, HJS, HTP, HVC, HVTP	Flex500® Vinyl	300°F/149°C AIR-SH, KD11-SH, KD-SH	Crepe Paper		
425°F/218°C PR-SH, PC11-SH	Polyester	300°F/149°C RCK-SH, SCK-SH	Cork		
400°F/204°C TF-SH	Teflon	300°F/149°C AIR-SH, AF-SH	Aluminum Foil		
400°F/204°C PC21-SH, PC25-SH, PC30-SH, PC90-SH, PB-SH, PCD-SH, PC-SH	Polyester	250°F/121°C FP-SH	Styrene Butadiene		
400°F/204°C PSC, PTC, PTP	Paper	225°F/107°C LF-SH	Lead-Foil		
		212°F/100°C RMCP-SH	Rubber		
		200°F/93°C EZ-SH	Crepe Paper		

The information in this chart depicts the intermittent temperature-resistance characteristics of the entire list of Caplugs materials. For complete service temperature information and other physical properties of Caplugs materials, consult the Material Data Chart on page 107. And, of course, take advantage of our free samples to test a part in your specific application before ordering.

For any special material requests, please contact customer service at 1.888.CAPLUGS for further information.

materials process matrix

CAPS & PLUGS	Cork	Neoprene	Vinyl	EPDM	Paper	Flex500®	Silicone	Key			
Price	\$	\$	\$	\$\$	\$	\$\$	\$\$\$	B	Best		
Temperature Limit °F	300	350	350	350	400	500	600	O	Optional		
Re-usability	High	High	High	Med	High	Low/NR	High	NR	Not Recommended		
Liquid Paint	B	B	B	B	B	O	O	NA	Not Available		
Powder Coating	NR	NR	NR	O	O	O	B				
E-Coating	NR	NR	NR	O	NR	O	B				
Plating	NR	B	B	B	NR	O	B				
Anodizing	NR	B	B	B	NR	O	B				
TAPES	Vinyl	Anodizing	Lead Foil	Aluminum	Crepe	Teflon®	Polyester	Polyimide	Silicone	Glass Cloth	
Price	\$\$	\$\$	\$\$\$	\$\$\$	\$	\$\$\$	\$\$	\$\$\$	\$\$\$	\$\$\$	
Temperature Limit °F	170	170	225	300	300	400	400	500	500	500	
Re-usability	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Liquid Paint	B	B	NR	NR	B	O	O	O	B	NR	
Powder Coating	NR	NR	NR	NR	NR	NR	B	O	B	O	
E-Coating	B	B	NR	NR	NR	NR	B	NR	B	O	
Plating	B	B	B	O	NR	B	B	NR	B	O	
Anodizing	B	B	B	O	NR	B	B	NR	B	O	

terms & conditions

Terms: Net 30 Days. The terms stated in Caplugs documents govern all sales notwithstanding the use of buyer's purchase order number as an accommodation. Visa, MasterCard, Discover Card and American Express accepted.

Pricing: Consult Caplugs Representative or Order Service Center for Standard Carton, Mini Pak and Micro Pak pricing. Pricing is subject to change without notification.

Material Certification: Caplugs supplies standard material certification with all shipments. Special certification requirements will be reviewed and may be subject to additional charges.

Shipping Point:* ExWorks Buffalo, NY, Los Angeles, CA or Erie, PA. All rights reserved and title to merchandise transfers to the buyer upon delivery to the carrier. *Please Note: Caplugs has 3 shipping sites which could result in split shipments from multiple facilities, each with separate freight charges. Hangzhou direct shipments by ExWorks Hangzhou.

Delivery: The acceptance of shipments by common carrier shall constitute a delivery to the purchaser and Caplugs shall not be responsible for merchandise damaged or lost in transit.

Quantities: Order quantities will be increased or decreased to the nearest standard packaging quantity (Standard Carton, Mini Pak or Micro Pak). Delivery of 5% more or less than the quantity ordered shall constitute fulfillment of the order for custom closures or standard closures run in nonstandard colors or materials.

Packaging: Caplugs reserves the right to change the quantities in its Standard Carton, Mini Pak or Micro Pak, consistent with current packaging and/or shipping practices without notification. Micro Paks have a minimum purchase quantity of 2. Pressure heat-treated pallets may be subject to additional charges for each pallet required. Caplugs reserves the right to change minimum purchase quantities at any time, without notification.

Errors: Typographical and clerical errors subject to correction.

Return Policy: If the buyer claims parts are not as ordered, he/she must notify Caplugs within 30 days of delivery. All returns of standard cartons received within 30 days of shipment are subject to a 30% handling fee. Returns of standard cartons received 30 to 90 days after shipment are subject to a 50% handling fee. After 90 days, there are no returns. Mini and Micro Paks may not be returned. No parts may be returned without a Return Authorization Number issued by a Caplugs Customer Service Representative in Buffalo, NY, Los Angeles, CA or Erie, PA.

Specifications: Standard Caplugs parts will be supplied in accordance with Caplugs quotation and description in Caplugs literature. Custom parts will be furnished in accordance with Caplugs quotation and Caplugs or buyer(s) drawings and/or specifications.

Cancellation: In the event of cancellation or deferral of deliveries on an order, the buyer assumes immediate liability for any completed part of the order, any material or tooling work performed, and may be asked for immediate payment of the charges involved.

Credit: Caplugs may refuse to make shipment unless previous invoices have been honored and satisfactory credit has been established.

Important Notice: All statements, technical information, and recommendations related to Caplugs products are based on information believed to be reliable, however, the accuracy or completeness is not guaranteed. Before using any Caplugs product you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in Caplugs current publications, or any contrary statements contained on your purchase order, shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of Caplugs.

Warranty; Limited Remedy; Limited Liability:

This product will be free from defects in material and manufacture as of the date of purchase. Caplugs MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. If this product is defective your exclusive remedy shall be to replace the product or refund the purchase price of the Caplugs product. Except where prohibited by law, Caplugs will not be liable for any indirect, special, incidental or consequential loss or damage arising from this Caplugs product, regardless of the legal theory asserted.

Tooling: All tooling remaining in Caplugs possession will receive normal maintenance for the production of parts unless: a) A tool has produced more than 500,000 parts per cavity, or b) A tool has had no production activity for more than one year. In either event, it may be necessary to refurbish or rebuild the tool at buyer(s) expense before additional parts can be produced. If 18 months have passed without an order from the customer, tooling will be deemed abandoned.

General Matters: Caplugs is a large business, is located in a labor surplus area, is not women or minority owned, and is current on all EEO filings. Materials used in manufacturing parts satisfy current governmental and safety constraints on restricted, toxic and hazardous materials. Parts are produced without the use of Class I ozone-depleting chemicals.

22-SH	76	PR-SH	82, 84, 86
AD-SH	89, 91	PSC	34-35
AF-SH	88, 90	PTC	34-35
AIR-SH	90	PTM-SH	54-55
AR-SH	94-95	PTP	64-65
BCB-SH	102	RCK-SH	44-45
BN-SH	40-41	RMCP-SH	32-33
BT100-SH	78-79	ROD-SH	102
C-SH	96-97	S-SH	96-97
CB-SH	102	SB	100-101
CD-SH	94-95	SCK-SH	44-45
CSC	70-71	SC-SH	16-17
CV-SH	96-97	SFC	34-35
DFPP-SH	50-51	SFP-SH	60-61
EP58-SH	70-71	SHPP-SH	50-51
EV-SH	89, 91	SHVA-SH	98-99
EZ-SH	83, 85, 87	SHVB-SH	98-99
FP-SH	56-57	SHVC-SH	98-99
GC-SH	83, 85, 87	SK-SH	72-73
GN-SH	40-41	SPLINE-SH	102
HCR	20-21	SPP-SH	48-49
HETV	62-63	SP-SH	60-61
HEZ	26-27	SQV-SH	98-99
HFC	28-29	SRC-SH	18-19
HFPP-SH	50-51	SRT-SH	78-79
HJS	20-21	STPS-SH	66-67
HTP	62-63	ST-SH	68-69
HUP-SH	38-39	SWP	58-59
HUPH-SH	46-47	TCB-SH	102
HVC	22-23	TF-SH	88,90
HVTP	62-63	TH-SH	102
HWP-SH	42-43	TS	30-31
KD11-SH	77	UC-SH	68-69
KD-SH	83, 85, 87	UDPP-SH	58-59
KP-SH	83, 85, 87	UFP-SH	56-57
LF-SH	88, 90	UHCP-SH	64-65
MDT-SH	66-67	UMFP-SH	60-61
MKIT HVC Series	72-73	UPH-SH	164
MKIT VC SERIES	72-73	UP-SH	38-39
Modular racks	102	US-SH	66-67
MPP-SH	42-43	UST-SH	70-71
MSP-SH	42-43	UTM-SH	54-55
MT-SH	64-65	UVCP-SH	32-33
PB-SH	82, 84, 86	UWH-SH	103
PC-SH	82, 84, 86	UWM-SH	52-53
PC11-SH	77	UWPPLS-SH	52-53
PC198-SH	76	UWPP-SH	52-53
PC21-SH	77	UW-SH	58-59
PC25-SH	76	V-SH	96-97
PC30-SH	77	VB-SH	100-101
PC90-SH	77	WBD-SH	94-95
PCD-SH	92-93	WC-SH	18-19
PP-SH	48-49	ZC-SH	18-19

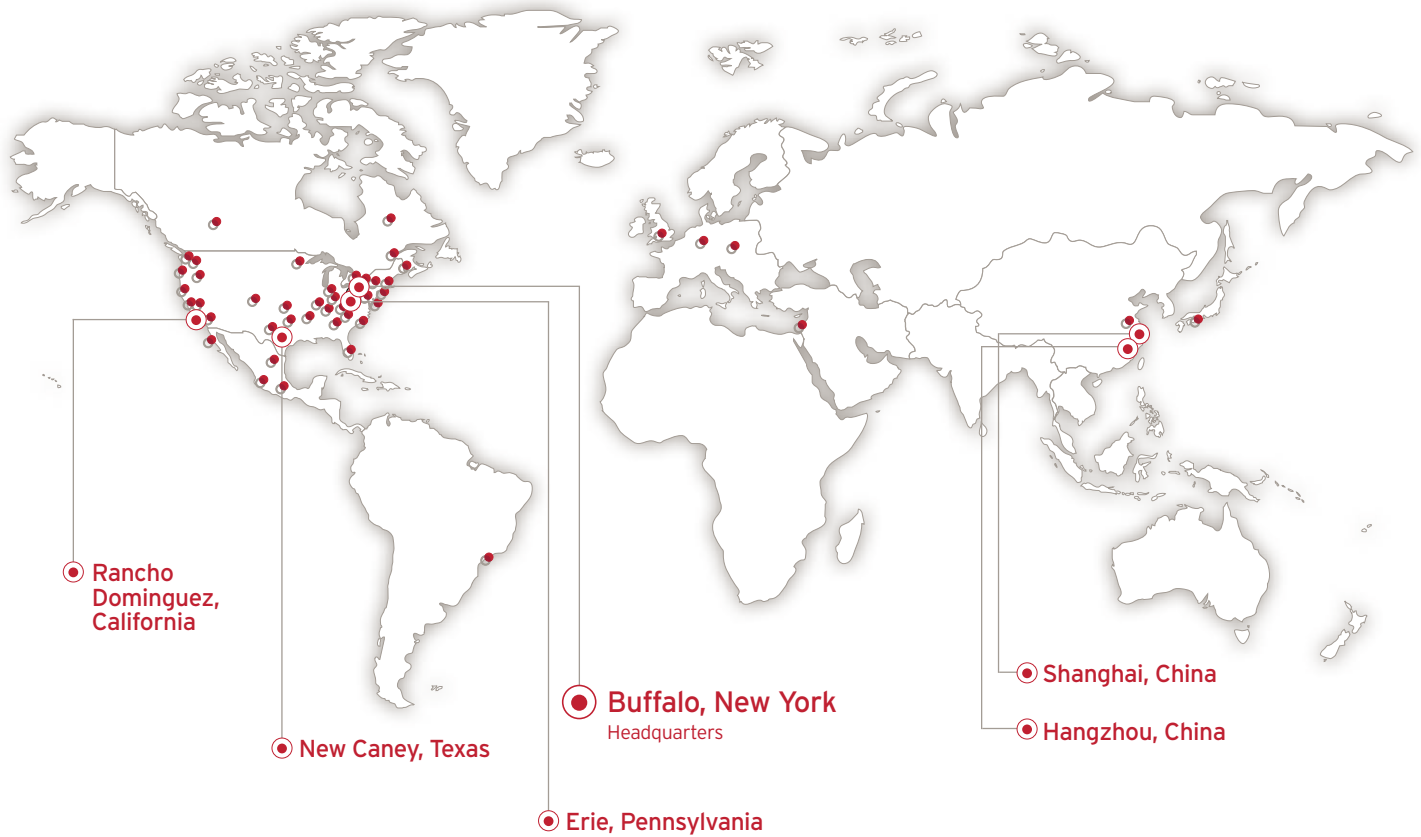
If you cannot find the part or series you are looking for, please call **1.888.CAPLUGS** for assistance. Parts not shown in this catalog may still be available to order.

In addition to the standard product line, Caplugs has tooling for thousands of non-standard parts not shown in this catalog that are available to order.

For further information, contact our Technical Sales Department.



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



○ Manufacturing Plants ● Sales Representatives

1.888.CAPLUGS | +1716 876 9855 | www.caplugs.com/masking | sales@caplugs.com

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www.greentree-shercon.co.uk

Belgium

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www.alloindustry.be

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