



Design Engineer's Guide

CAPS AND PLUGS DESIGNED FOR PEACE OF MIND



PROTECT VITAL PARTS FOR MORE EFFICIENT PROCESSES WITH CAPS AND PLUGS

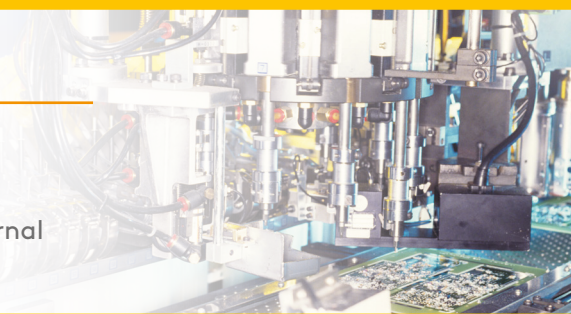
Protect your application with caps and plugs designed to withstand just about any environment. [Free samples](#) on selected products let you [try before you buy](#), and [free CAD downloads](#) help you perfect your design.

While this is intended as an overview of caps and plugs that suit particular applications, you can go more in depth with our [Ultimate Guide to Caps and Plugs](#).

EQUIPMENT MANUFACTURING

**Electric cable enclosures | HVAC components |
Industrial generator parts | Outdoor utility cabinet**

Ensure smooth assembly and transit by protecting critical internal and external profiles from damage while maintaining quality.



PROTECT YOUR DESIGN WITH:

QUICK RELEASE PLUGS

[View online](#)



- Suitable to plug ISO A and ISO B series
- TPE material
- For threaded or plain parts
- Pull tab for quick removal
- Service temperature range: -40°F – 203°F (-40°C – 95°C)

THREADED PROTECTION PLUGS

[View online](#)



- Fully threaded to 13.6 mm/0.535 in
- LDPE material
- Also used in hydraulic and pneumatic industries
- Knurled head for easy grip
- Service temperature range: -40°F – 149°F (-40°C – 65°C)

TEAR TAB CAPS

[View online](#)



- Suitable as NPT thread plug, and UNF
- LDPE material
- When tab is pulled, cap splits open for quick removal





METAL FABRICATION

Data cabinet | Sheet metal | Furniture

Increase customer satisfaction with a professional finishing process by masking holes and contact points with easy-to-fit caps



GUARD YOUR PRODUCT'S HOLES WITH:

HIGH-TEMPERATURE SILICONE TAPERED PLUGS

[View online](#)



- High temperature rating: 482°F (250°C)
- Durometer (Shore A) 55 + 5
- Excellent chemical resistance
- Reusable
- Flexibility allows slight variations in the sizes to mask
- Available as a solid plug
- Available with a hollow core to aid in compression; less material needed also makes this cost effective

FLEXIBLE END CAP

[View online](#)



- Flexible to ensure a tight fitting
- High-temperature PVC: 338°F (170°C)
- Suitable for a multitude of applications

MASKING PULL PLUGS

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- High temperature rating: 482°F (250°C)
- Durometer (Shore A) 55 + 5
- Masks threaded or non-threaded through holes
- Pull tab enables easy insertion and fast removal from tight holes





VEHICLES

Cars | Trucks | Trains

Protect key components from potential debris contamination and safeguard vital threads from damage during storage and shipment to the final assembly plant.



PROTECT YOUR DESIGN WITH PRECISION:

THREADED O-RING PLUG - UNF THREADS

[View online](#)



- Can be applied or removed by hand, hex wrench or screwdriver
- Compressing flange lip and o-ring provide water-tight seal for superior leakage protection
- Available in nylon and polypropylene; nylon withstands higher temperatures: -40°F – 266°F (-40°C – 130°C)

TAPERED CAP AND TAPERED PLUG

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- Plugs multiple inner diameters
- Caps multiple outside diameters
- LDPE material
- Tapered caps and plugs made of LDPE
- Compatible cap thread sizes: BSP 3/8
- Compatible plug thread sizes: M20

FLEXIBLE PIPE CAPS

[View online](#)



- Flexible PE material allows for easier fitting on pipes
- Operating temperature range: 32°F – 149°F (0°C – 65°C)





HOSES AND HYDRAULICS

Tractors | Excavators | Mining

Minimize fluid spills and maintain hose integrity while ensuring constant machinery uptime and user safety.



GIVE YOUR DESIGN SPECIALIST HOSE-FITTING PROTECTION WITH:

HEXAGONAL CAPS

[View online](#)



- Available in all common hydraulic coupling sizes
- Also suitable for protecting round components
- LDPE material
- Rigid design allows easy application and removal

QUICK RELEASE CAPS

[View online](#)



- Female fitting suitable to protect quick release couplings series ISO A and ISO B
- Designed to remain attached to hose
- TPE material

THREADED SEALING CAPS

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- HDPE caps are resistant to solvents and reduce potential shearing
- Protect standard threaded fittings with or without o-ring

SPECIFYING THE RIGHT CAP OR PLUG

Successfully protecting your products during its production cycle can be a challenge. So here's a few points to consider to get the best results from caps and plugs at every step of the journey to your customer.

1. CONSIDER YOUR ENVIRONMENT

Is there a need for UV resistance? Are there high levels of moisture and humidity in your application? From pressure to temperature, considering the environment is key when looking to protect your part or product

2. UNDERSTAND YOUR APPLICATION

Protection? A threaded plug will protect a profile with a threaded interior whereas an o-ring will shield against entry or escape of liquids

Masking? If masking a number of holes in a high temperature environment then choose a flangeless silicone plug, which will allow a variety of hole diameters to be masked

3. IDENTIFY THE RIGHT MATERIAL

A silicone cap will operate safely at +250°C, whereas LDPE can only operate safely up to 65°C

4. THE PRODUCTION PROCESS

Need fast hand application? Choose a push fit cap or flanged plug

Tool based processes? A cross head custom cap or plug is best

5. CONSIDER THE REMOVAL PROCESS

Production environment? An ezeplug can save time in the production schedule

Customer environment? Ease of removal is essential so opt for a pull tab or flange on your cap or plug for speed and efficiency



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DELIVERY**

