

Wisco Products 300 SERIES Filler Caps and Accessories

High quality filler systems for oil, fuel and radiator applications

Wisco Products produces a complete line of filler caps, necks and accessories for a diverse array of markets including heavy-duty transportation, industrial, agricultural, locomotive, and motor sport, among others. We pride ourselves in our high quality, heavy gauge materials as well as our precision fabrication.

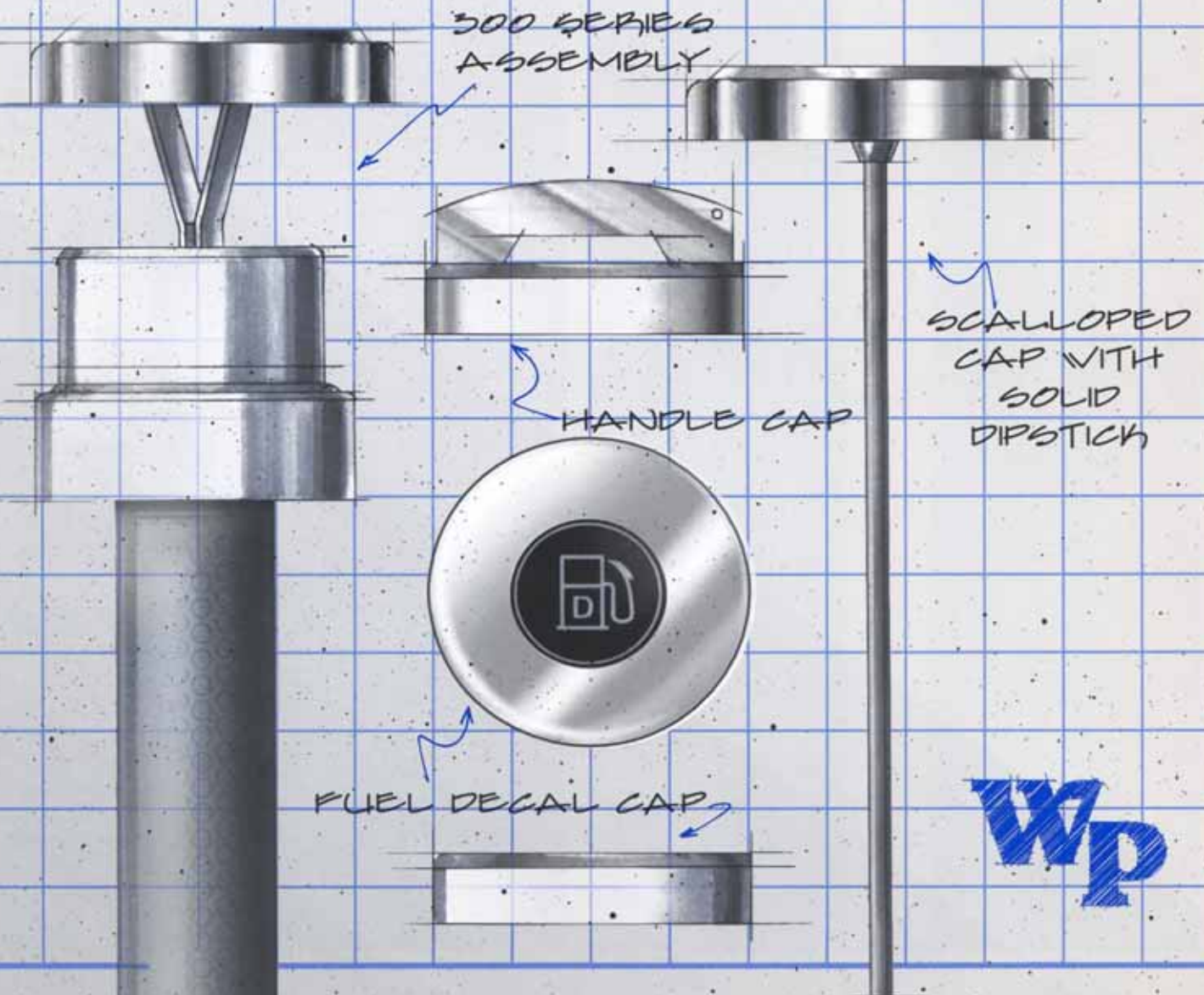
Our 300 Series products match applications with a sealing area of about 2.2 inches diameter

(see the drawing). A variety of cap and neck styles and materials accommodate oil, fuel, hydraulic or water applications. Accessory options let you build the filler assembly you need.

Three different strainers provide varying degrees of filtration for 300 Series caps and necks to help you maintain clean fluids within your

engine system. Special mountings match the type of connections you require.

Wisco Products also specializes in meeting your custom needs. Regardless of your order quantity, Wisco provides the service and performance you can count on.

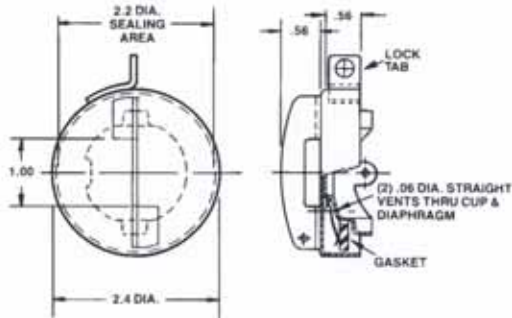

















WP

300 SERIES CAPS

Our high quality, precision-fabricated caps provide excellent performance for a variety of fluid systems.

- For use with water, diesel fuel, oil and hydraulic applications
- Heavy-duty locking cup and diaphragm
- 20 gauge (.036 in.) steel or stainless steel cover and cup
- Every cap pressure tested to 10 psi

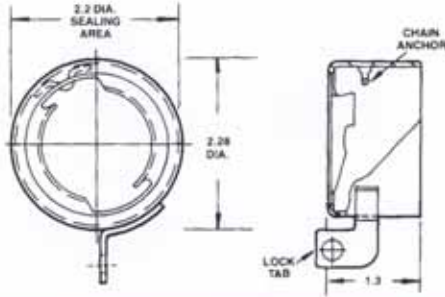


| Style | Material | Plating | Pressure | Decals (305 Only) | Gasket | Chain | Lock Tab | Dipstick |
|---|--------------------|-----------------|------------------|---|--|--|---|---|
| 301 Knurled  | Steel | Zinc, clear | Straight vent | Fuel  | 2651 Synthetic Rubber (MIL-R-6855) |  Stainless link |  Steel, Stainless Steel | Spotwelded to cup (Specify length and markings) |
| 302 Plain  | Stainless Steel | Zinc, yellow | Nonvented | Oil  | 3455 Oil Synthetic Rubber (MIL-R-7362) |  Stainless bead | |  |
| 303 Scalloped  | | | | Hydraulic  | 4050 Fluoro- Silicone (MIL-R-25988) |  "S" Hook | | Solid dipstick |
| 304 Handle  | | | | Hydraulic (Alternate)  | 4825-1 Fibreflex (Prestboard) | | |  |
| 305 Decal  | | | | Other (Specify) | 4969 Molded Rubber (ASTMD 2000) | | | Flexible dipstick |
| | | | | | 2651-1 Ethylene Propylene | | | |

300 SERIES NECKS

We produce our 300 Series necks with the same high quality materials and precision as our caps to exactly match your fluid reservoir requirements.

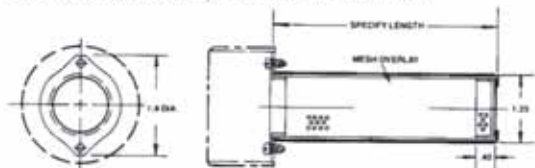
- For use with 300 Series caps
- For water, diesel fuel, oil and hydraulic applications
- 16 gauge (.060 in.) steel, stainless steel, or aluminum
- Available with mountings and strainers (see the back of this bulletin)



| Style | Material | Plating | Chain | Lock Tab | Strainer Ring |
|--------------------------|--------------------------------------|---------------------------|----------------------|--|--|
| 325 Plain | Steel Stainless Steel | Nickel Zinc, clear | Per customer request | Steel, Stainless Steel or Aluminum | Steel (For use with strainers; available for all styles and material) |
| 326 Weld bead | Aluminum (Not available threaded) | Zinc, yellow | | | |
| 327 Threaded | | | | | |
| 328 Flanged | | | | | |

300 SERIES STRAINERS

- For use with 300 Series necks and caps
- 22 gauge (.030 in.) perforated steel or stainless steel
- Standard .060 in. diameter holes on .094 in. staggered centers; 126 holes per sq. in. provide 36% open area
- Filtration enhancement available:
 - 40 x 40 mesh (.010 in. diameter wire) stainless wire cloth; 381 micron filtration
 - 100 x 90 mesh (.0045 in. diameter wire) stainless wire cloth; 127 micron filtration



| Style | Material | Plating | Filtration | Length | Samples | | |
|-----------------|--------------------|-----------------|------------------|-----------|--|---|---|
| 350 Standard | Steel | Zinc, clear | 40 x 40 mesh | (Specify) | Strainer | 40 x 40 mesh | 100 x 90 mesh |
| | Stainless Steel | Zinc, yellow | 100 x 90 mesh | |  |  |  |

300 SERIES MOUNTINGS

- Must be ordered with neck
- Necks welded, brazed, or silver soldered to mountings
- Internal Pipe Thread (half coupling) available in steel only
- External Pipe Thread available in steel only
- Straight Tube available in steel or stainless steel; specify length
- Aluminum Tank Flange available internal threaded for mounting 300 Series threaded necks to aluminum tanks (order with neck or separately)

*Internal pipe thread
(half coupling)*



External pipe thread



Straight tube



Aluminum tank flange



| Internal Pipe Thread (Half Coupling) | External Pipe Thread | Straight Tube | Tank Flange |
|---|-----------------------------------|--|-------------|
| Steel only (1.5", 1.75" or 2") | Steel only (1.5", 1.75" or 2") | Steel or Stainless Steel (Specify length) | Aluminum |

Call us first!

Wisco Products specializes in providing a full line of fluid filler components for all your engine and fluid containment systems. Chances are we have what you need in one of our standard products series. If not, we'll make it for you. Call Wisco first for high performance product and service on all your filler product needs.



Service and performance you can count on.

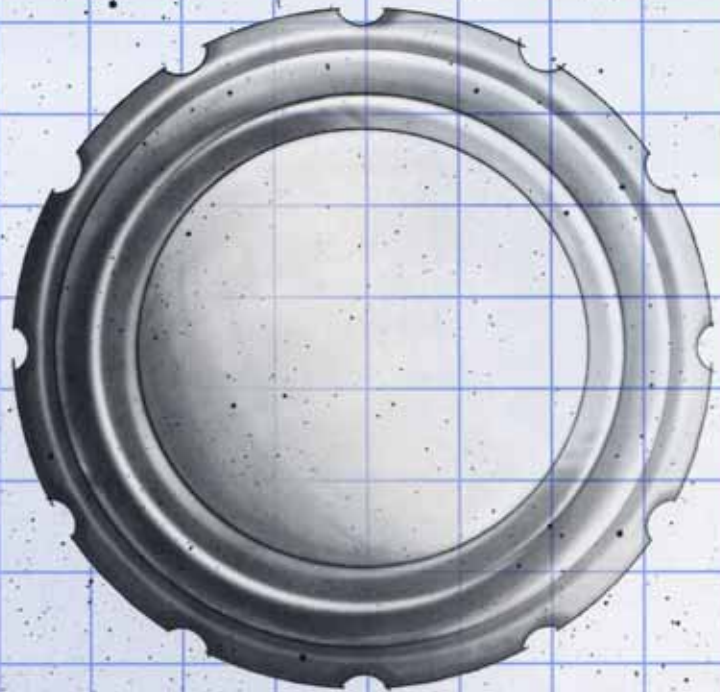
Wisco Products 300 Series Filler Breather Caps

Special design for enhanced filter airflow

Wisco Products produces a full line of filler caps, necks and accessories for several markets including heavy-duty transportation, industrial, agriculture, and locomotive, among others. We pride ourselves in our high quality, heavy gauge materials as well as our precision fabrication and assembly.

We also offer specialty filler breather caps that are an extension of our 300 Series filler product line. These caps serve oil, fuel, hydraulic or water applications in either pressurized or non-pressurized conditions. Our custom design, fabrication and assembly capabilities enable effective solutions for specialized filling challenges.

Customer service and responsiveness are just as specialized at Wisco Products. Regardless of your order quantity, we provide the service and performance you can count on. We deliver product when and where you need it, anywhere in the world.



Wisco Products

NON-PRESSURE FILLER BREATHER CAPS

Our large-capacity, twist-to-lock, precision fabricated filler breather caps enhance filter air flow five times over standard units. The result is cleaner reservoir fluids and better protection of your fluid containment system.

- 200 GPM (26.7 CFM)
- Nickel-chrome plated
- Concealed air vents permit outdoor installation
- Easy-grip fluted design
- Standard 40 micron (.0016") air filtering (superfine 10 micron optional)



PRESSURE BREATHER CAPS

Our pressure filler breather cap incorporates a relief valve set at 5 psi plus a vacuum breaker. When the fluid level first falls, air enters the reservoir through the vacuum breaker and filter. When the level rises, air is compressed rather than being expelled. Thereafter, changing fluid levels are accommodated by changing size of the air bubble in the reservoir – not by breathing to the atmosphere.

- Reduces breathing by as much as 95%
- Increases breather filter life by a factor of 10
- For systems expected to operate in extremely dusty environments

| Specification Selection | | | |
|-------------------------|------------|----------|----------|
| Finish | Filtration | Pressure | Gasket |
| Nickel-chrome | 40 micron | 0 psi | Fiber |
| Black powder-coat | 10 micron | 5 psi | Buna "N" |
| | | | Viton |

Call us first!

Wisco Products specializes in providing a full line of standard and custom fluid filler components for all your engine and fluid containment needs – including fuel, oil, hydraulic and radiator systems. Our breather caps can help prolong your equipment life. Call Wisco first for high performance product and service on all your filler and tank product needs.



Service and performance you can count on.