

Yale® SafeGuard™ Lugless Closure

Safe, Secure Sealing of Pipelines and Vessels with Yale® SafeGuard™ Lugless Closure

The Yale® Figure 500™ SafeGuard™ Lugless Closure ensures secure sealing of pipelines and vessels, utilizing the field-proven threaded closure cap with O-ring pressure seal design. The lugless feature of the SafeGuard closure prevents in-field safety risks associated with hammering on the closure cap lugs as well as the potential for damage to the closure that could hinder its sealing capability and shorten the service life of the closure. The Yale SafeGuard closure can be easily operated with a standard 24-inch or 36-inch pipe wrench.

The unique, lugless feature of the Yale SafeGuard closure provides significant benefits to end users that include an overall low total cost of ownership. Specific benefits include:

- Safety for the operators
- Secure sealing without leakage
- Quick and easy operation that saves time and effort on the part of the operators
- Long service life to optimize the return on your investment

The Yale Figure 500 SafeGuard lugless closure is ideal for installation on new pipelines and other applications. Existing hubs can be easily retrofitted as well with minimal time and effort.



Designed for simplicity and reliability, the SafeGuard lugless closure model is part of the extensive line of Yale Figure 500 closures that have been field-proven effective in service applications worldwide for over 60 years. Yale closures are available for horizontal, vertical or angle installations.

Secure sealing and easy operation, with the additional safety aspect of the lugless design makes the Yale Figure 500 SafeGuard closure the best choice for cost-effective pipeline and vessel accessibility.



Features and Benefits of the Yale Figure 500 SafeGuard Closure

- Lugless design eliminates risk of hammering on closure cap for added safety
- Rugged, ACME-threaded design with secure O-ring pressure seal ensures positive sealing
- Easily operated with a standard pipe wrench, saving time and effort on the part of the operator
- Can be installed on existing hubs for cost-effective retrofits
- Available in sizes from 2-inches through 10-inches for application versatility
- A variety of O-ring materials such as Nitrile, Viton®, Ethylene Propylene compounds and others are available to meet a broad range of pressure, temperature and chemical requirements for effective sealing in the most critical applications
- All standard materials used in the manufacture of Yale closures are to ASTM specifications as permitted under ASME Section VIII, Division 1, Boiler and Pressure Vessel Code to ensure performance and safety
- The closure hub is field weldable for easy and secure installation
- The Yale closure is among the safest in the industry due to its threaded design that makes it extremely difficult to unscrew the cap of a pressurized pipeline or vessel
- A Pressure Alert Valve (standard on 6-inch and larger closures and optional on all others) ensures that all residual pressure in the pipeline or vessel is eliminated before the pressure cap is loosened to ensure operator safety
- Ideal for applications such as pipelines, pressure vessels, pig traps, filter and filtration systems and manway access along with many others

Yale Figure 500 SafeGuard Lugless Closures provide productivity, durability and safety for the most critical installations!



Excellence Through Innovation

U.S.A. 800.654.5603
Canada 800.661.5659

Australia 61.8.8260.4000
Argentina 054.11.4313.6358

www.rmenergy.com



Fluid Management Group

© 2009 by R&M Energy Systems, Inc.

® Yale is a registered trademark of R&M Energy Systems, Inc.

® Viton is a registered trademark of DuPont Performance Elastomers.

™ Figure 500 and SafeGuard are trademarks of R&M Energy Systems, Inc.

R&M Energy Systems, Inc. is part of the Fluid Management Group of Robbins & Myers, Inc.

Printed in U.S.A

PF-4101-909