

# FORKLIFT TRUCK CYLINDERS



SINCE 2011 HEXAGON RAGASCO HAS OFFERED COMPOSITE LPG CYLINDERS FOR FORKLIFT TRUCKS (FLT) TO THE NORTH AMERICAN MARKET. THE STANDARD SIZE IS 31 LBS (14 KG).

## LIGHTWEIGHT

Viking Cylinders® are lighter than aluminum and steel cylinders. With a tare weight of just under 16 lbs, our cylinders are the lightest FLT cylinders available. Filled to capacity they weigh less than 47 lbs, which is below the OSHA recommended maximum lifting limit of 50 lbs. The low weight combined with an ergonomic design makes this cylinder very easy to lift, handle and stack, further reducing the risk of workplace injury.

## SAFE

With over 9 million units in use worldwide, our cylinders hold the best safety record in the industry. Viking Cylinders patented construction withstands a burst pressure that is twice as high as their steel counterparts. In addition, our cylinders will not BLEVE, eliminating the risk of explosion in case of fire.

## EASY MAINTENANCE AND USE

The translucent composite materials allow you to see the fuel level eliminating the need for inaccurate gauges. It is now easy to see how much fuel is left. The FLT cylinders are delivered with proper liquid service valve which varies by market. In North America cylinders can be configured with a Multivalve that includes the ACME fast fill connection for increased flexibility.

### LOWER OPERATIONAL COSTS

Viking Cylinders do not rust or deteriorate like steel cylinders, so they'll never need repainting. This effectively eliminates refurbishment costs. Your company will save money by eliminating the cost and time needed for shot-blasting, painting, baking... You will also preserve the environment by eliminating toxic residues from the refurbishment process and saving energy.

### QUALITY-ASSURED MANUFACTURING

Viking Cylinders are produced at our state-of-the-art manufacturing plant in Norway. Our fully-automated production line is the only one of its kind in the

world. Quality is assured throughout with all steps in the value chain and all processes certified according to ISO 9001. During the manufacturing process, there are numerous points where production data on each cylinder is collected and stored for full traceability.

### MEETING THE STANDARDS

Viking Cylinders comply with a wide range of international standards and approvals.

The principal ones include:

- DOT-SP 12706
- ISO 9001
- EN 14427
- TC SU 5931
- ISO 11119-3
- EN 12245

## TECHNICAL SPECIFICATIONS

### PRESSURE RATINGS

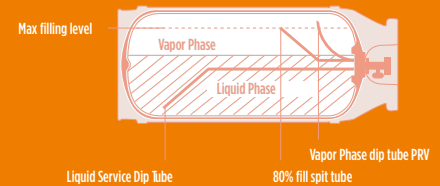
Service pressure	20 bar	294 psi
Test pressure	30 bar	441 psi
Required burst pressure	60 bar	882 psi
Actual Hexagon Ragasco burst pressure	150 bar	2200 psi

### VALVE DESCRIPTION

A wide variety of valves for liquid service and horizontal filling.

- One hole solution - fewer points for potential leaks
- Multi function valve, including PRV and Excess Flow Valve
- Translucent cylinder no need for level gauge
- Valve fully protected by upper casing
- Straight threads reduce torque force into composite walls

### STANDARD CONFIGURATION



HEXAGON RAGASCO NORTH AMERICA INC.

5117 NW 40th Street Lincoln NE 68524 USA, 402.470.5081, northamerica@hexagonragasco.com, www.VikingCylinders.com



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