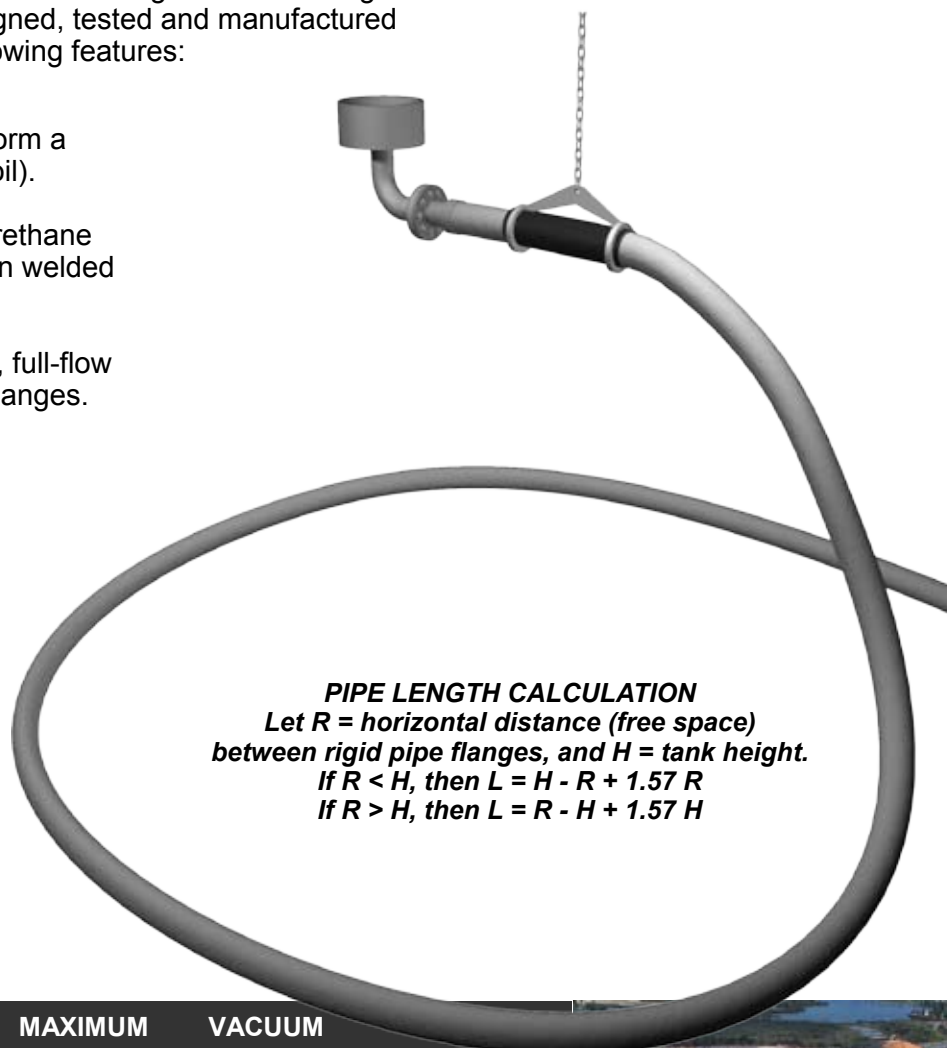




# MesaFlex®

Mesa Rubber Company's MesaFlex Roof Drain systems ensure the proper drainage of water from the Aboveground Storage Tank's floating roof. Mesa's Roof Drain systems are designed, tested and manufactured to customer specifications to offer the following features:

- MesaFlex Roof Drains are installed to form a single coil repeating lay pattern (360° coil).
- The Roof Drain is installed with a polyurethane or nitrile support saddle, clevis and chain welded to the underside of the floating roof.
- MesaFlex features compression sealed, full-flow steel fittings and 150 lb. ANSI weld-on flanges.
- Polyester jacket provides a protective covering during installation and service.
- Installation drawings and supervision are available upon request.
- Custom designed using data sheet to determine roof drain length and configuration.
- System ensures less maintenance, less product loss, reduced shutdowns and maximum service life.



**PIPE LENGTH CALCULATION**  
 Let  $R$  = horizontal distance (free space)  
 between rigid pipe flanges, and  $H$  = tank height.  
 If  $R < H$ , then  $L = H - R + 1.57 R$   
 If  $R > H$ , then  $L = R - H + 1.57 H$

I.D.	WEIGHT PER FOOT IN EMPTY AIR	MINIMUM WORKING BEND RADIUS	MAXIMUM WORKING PRESSURE	VACUUM RATING INCHES HG.	STANDARD TEMP. RANGE
3 in	5.5 lb	12 in	150 psi	28	- 40° F to 180° F
4 in	8.4 lb	16 in	150 psi	29	- 40° F to 180° F
6 in	20 lb	24 in	100 psi	29	- 40° F to 180° F
8 in	31 lb	36 in	80 psi	29	- 40° F to 180° F



**NOTE: All assemblies are tested at 100 P.S.I.G. for one hour and certified.**  
 (unless higher test pressure is requested by customer).

**\* Consult sales offices for minimum shipping bend radius.**

## West

1726 South Magnolia Avenue  
 Monrovia, CA 91016-4595  
 Phone: 626.359.9361  
 Fax: 626.359.7985

## Southeast

9202 Meadow Vista Boulevard  
 Houston, TX 77064-2012  
 Phone: 281.469.8098  
 Fax: 281.469.9524

## Northeast

4141 Airport Road  
 Cincinnati, OH 45226-1643  
 Phone: 513.321.4511  
 Fax: 513.321.8178

# MesaFlex<sup>®</sup>

# Mesa

ISO 9001:2000 *certified*

MesaFlex Flexible Pipe is designed for continuous service (both externally and internally) in a wide range of pH solutions and chemicals. MesaFlex features a single-coil repeating lay pattern and ballast to ensure negative buoyancy in the tank.

MesaFlex features a polyurethane or nitrile support saddle, clevis and a chain welded to the underside of the floating roof.

150 lb. ANSI forged steel, raised-face weld-on flanges.

Internal expanded full-flow, steel fittings.

Polyester jacket provides a protective covering during installation and service.

MesaFlex can connect sump nozzle to shell nozzle in one continuous length regardless of the size of the tank (without rigid piping).



## West

1726 South Magnolia Avenue  
Monrovia, CA 91016-4595  
Phone: 626.359.9361  
Fax: 626.359.7985

## Southeast

9202 Meadow Vista Boulevard  
Houston, TX 77064-2012  
Phone: 281.469.8098  
Fax: 281.469.9524

## Northeast

4141 Airport Road  
Cincinnati, OH 45226-1643  
Phone: 513.321.4511  
Fax: 513.321.8178

Division of  Mesa Industries, Inc



MR-MF-09

[sales@mesarubber.com](mailto:sales@mesarubber.com)

[www.mesarubber.com](http://www.mesarubber.com)