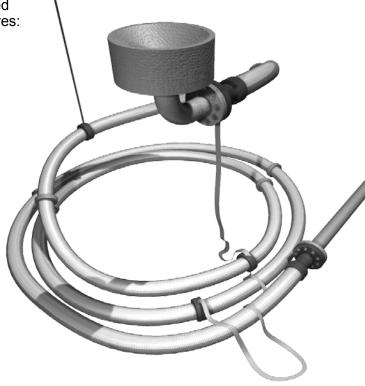


Mesa Resist-All-Clad Roof Drain systems ensure the proper drainage of water from Aboveground Storage Tank floating roofs. Resist-All-Clad is designed, tested and manufactured to customer tank requirements offering the following features:

- Roof Drain utilizes a multiple-coil design to provide a fully preformed, controlled and repetitive lay pattern that does not slide on the tank floor.
- Resist-All-Clad features a smooth internal fluidway without corrugation that would trap sediment.
- Resist-All-Clad has a negative buoyancy in all storage products, including light chemicals and heavy crude oil.
- Tether system ensures that the coils will not stray from designed installation pattern. One tether attaches to a bracket welded to the underside of the floating roof.
- Shell nozzle and/or sump nozzle spool piece can be straight sections of piping for roof drain service temperatures below 32°F (0°C).
- Installation drawings are included. Installation supervision is available in the continental USA.
- All-stainless steel hardware and tether fittings are available for high pH applications.
- System ensures less maintenance, less product loss, reduced shutdowns and maximum service life.





## FLEXIBLE PIPE CONFIGURATION

Mesa determines an appropriate RAC configuration including I.D., number of coils, length of flexible pipe and lay pattern based on tank data provided to Mesa.

| I.D. | WEIGHT PER<br>COIL | MINIMUM<br>WORKING BEND<br>RADIUS | MAXIMUM<br>WORKING<br>PRESSURE | VACUUM<br>RATING<br>INCHES HG. | STANDARD<br>TEMP. RANGE |
|------|--------------------|-----------------------------------|--------------------------------|--------------------------------|-------------------------|
| 2 in | 42 lb              | 36 in                             | 150 psi                        | 29                             | - 40° F to 180° F       |
| 3 in | 116 lb             | 48 in                             | 150 psi                        | 29                             | - 40° F to 180° F       |
| 4 in | 207 lb             | 60 in                             | 150 psi                        | 29                             | - 40° F to 180° F       |
| 6 in | 1,100 lb           | 90 in                             | 130 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 factory for Minimum Shipping Bend Radius.

Northeast 4141 Airport Road Cincinnati, OH 45226-1643 Phone: 513.321.4511 Fax: 513.321.8178 Southeast 9202 Meadow Vista Blvd. Houston, TX 77064-2012 Phone: 281.469.8098 Fax: 281.469.9524



West 1726 South Magnolia Ave. Monrovia, CA 91016-4595 Phone: 626.359.9361 Fax: 626.359.7985

Engineered Solutions for Worldwide Applications.



Resist-All-Clad Flexible Pipe is designed for continuous service (both externally and internally) in a wide range of pH solutions and chemicals. It is completely compatible with pure M.T.B.E., 100% aromatic hydrocarbons (Benzene and Toluene), pure alcohol, gasoline and jet fuels. Resist-All-Clad Flexible Pipe features a fully preformed controlled, repetitive lay pattern (multiple coil design).



Smooth internal fluidway for low resistance--no corrugation to trap sediment or cause flow-restricting turbulence.

Floating 150 lb. ANSI raised face flanges.

Resist-All-Clad Flexible Pipe has a negative buoyancy in storage products, including light chemicals and heavy crude oil. Steel fittings are protected by thick nylon coating (inside and out) to prevent corrosion and the marring of painted or coated tank floors.

> Stainless steel armor provides chemical resistance and low coefficient of friction.



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