



Raven HDPE Products

Quality – Service – Commitment – Delivered.

Read-Rite® Polymer Lids

RF-FRIENDLY FOR AMR & AMI SYSTEMS
100+ DIFFERENT SIZES AND STYLES

Set your AMI up for success: ensure your RF signals transmit clearly and unobstructed between meter endpoints and data collectors. Replacing your old cast iron or concrete lid with a more RF-friendly material is a practical and cost-effective approach to maximize your AMR or AMI investment.



SIGMA Read-Rite® replacement lids are made of a no-break polyolefin, a virtually RF-transparent material. Every available AMR and AMI endpoint available can be mounted underneath or through Read-Rite® lids with SIGMA's patented endpoint mounting solutions.

Read-Rite® replacement lids are H20 load rated, meet ADA slip resistance requirements and resist color fading with UV inhibitors.

See back side for more specification details.

Basic and specialized colors available:



View all our product online at <http://www.sigmaco.com/>

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Cream Ridge NJ 08514
P: (800) 999-2550

5000 Askins Lane
Houston, TX 77093
P: (800) 999-0109

4652 E. Guasti Road
Ontario, CA 91761
P: (800) 688-6230

21699 Torrence Ave.
Sauk Village, IL 60411
P: (888) 999-0420

1500 Highway 22 W
Alexander City, AL 35010
P: (800) 824-4513

Read-Rite[®] Polymer Lid Details

VIRGIN POLYMER MATERIAL H2O LOAD RATED

MANUFACTURING METHOD

- Made with 100% virgin No-Break polymer for consistency in material and quality; virgin material enables UV inhibitors to be added, supports RF-transparency.
- Made using injection molding method for uniform construction integrity.

PERSONNEL AND PUBLIC SAFETY

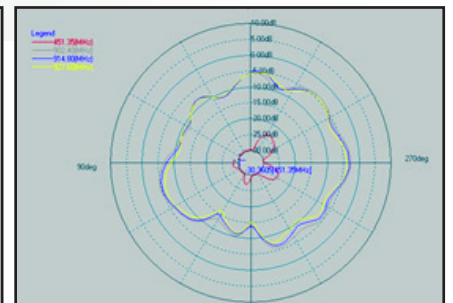
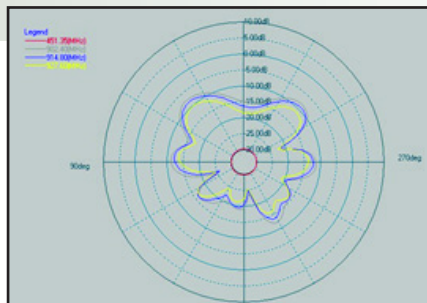
- Meets ADA slip resistant requirements: coefficient of static friction @ 0.73 (dry) and not less than 0.50 (wet).
- Integrates radio endpoint to be flush with top of lid for no-trip hazard and pedestrian safety.
- Uses lightweight material to improve safety of utility workers during installation.

PRODUCT LONGEVITY AND INTEGRITY

- Resists ultraviolet degradation; passes accelerated weathering tests in accordance with ASTM G154-06 Xenon Arc Accelerated Aging test.
- H2O load rated based upon a test involving a 9x9 plate applying 20,000 lbs load for one minute with no permanent damage or deflection.
- Maintains physical properties and is resistant to thermal expansion/ contraction and deformation in an operating range of -40° to 190° Fahrenheit.
- Impervious to water absorption as determined by test standard ASTM D 570-98 Water Absorption - 24 Hour Method.



RADIO PROPAGATION RESULTS FROM METER PIT: LEFT: OTHER COMPOSITE MATERIAL RIGHT: SIGMA'S POLYMER MATERIAL



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