

Radiant GUARD[®]

REFLECTIVE INSULATION

RadiantGUARD.com

Reflex-AIR[®] PRO

Reflex-AIR[®] PRO is effective year round reflecting radiant heat back toward the heat source (sun) in warmer months and holding heat in during cooler months. This proven solution lowers energy costs and provides a more comfortable interior.



Reflex-AIR[®] PRO products are the most durable reflective insulation products available. They are designed for the most rugged installation environments. Manufactured with UV inhibitors and anti-corrosion coatings, Reflex-AIR PRO comes with an industry leading lifetime warranty.

BENEFITS

- Reflects 95% of radiant heat
- Class A / Class 1 fire and smoke ratings
- Puncture and tear resistant
- Coated to prevent oxidation and UV degradation
- Non-toxic, non-carcinogenic and fiber free
- Reduces interior condensation
- Manufactured with the highest quality industrialized-grade raw materials
- Manufactured with state of the art machinery
- Tested against ASTM standards
- Lifetime warranty

APPLICATIONS

- Agricultural and livestock buildings
- Metal and steel buildings
- Post frame and pole barn construction
- Pre-engineered buildings
- Radiant floor heating systems
- Crawl spaces and concrete walls
- Cold storage
- Pharmaceuticals
- Packaging and transportation

Reflex-AIR® PRO is manufactured using the highest quality raw materials, manufacturing machinery, and workmanship in the marketplace. This allows us to offer the industry leading lifetime warranty for all our Reflex-AIR™ PRO products.

Reflex-AIR® PRO products exterior layers are comprised of reflective metalized foil or white polyethylene film and are coated with proprietary inhibitors that prevent premature oxidation and degradation making them durable and long-lasting insulation products.



	REFLECTIVE DOUBLE BUBBLE	WHITE DOUBLE BUBBLE	REFLECTIVE SINGLE BUBBLE	WHITE SINGLE BUBBLE
Reflectivity	95%			
Emissivity	5%			
Nominal Thickness	1/4-inch nominal		1/8-inch nominal	
Puncture Resistance	60 lbs / inch			
Average Tensile Stress (kPa)	TD: 2,343 MD: 2,261	TD: 1,465 MD: 1,867	TD: 1,814 MD: 2,078	TD: 1,453 MD: 1,324
Average Tear Strength (kN/m)	TD: 58.58 MD 56.54	TD: 36.64 MD 46.69	TD: 45.34 MD: 51.96	TD: 36.33 MD 33.11
Pliability	No cracking or delamination			
Linear Shrinkage	None			
Mold and Mildew Resistance	No growth			
Water Vapor Transmission	.02 perms (ASTM E96)			
Flame Spread Index	0 (ASTM E84-08)			
Smoke Developed Index	20 (ASTM E84-08)			
Fire Rating	Class A / Class 1			
Application Temperature Range	-60° F to 180° F (-51° C to 82° C)			
Typical Roll Diameter	23 inches	23 inches	17 inches	17 inches
Typical Roll Weight	4 ft roll: 28 lbs	4 ft roll: 27 lbs	4 ft roll: 18 lbs	4 ft roll: 18.5 lbs

R-Values based on product and assemblies available upon request