

# ULTRAFLECT

REFLECTIVE INSULATION

**SOLUTION 22**

REFLECTIVE  
**DOUBLE BUBBLE**  
REFLECTIVE

## Product Information

### Product Description

Multipurpose insulation for residential and commercial applications. Product consists of two layers of polyethylene bubble sandwiched between two layers of 99% pure aluminum. The polyethylene bubbles encapsulate air and serves as conductive thermal break; the multiple layers of polyethylene serve as a vapor barrier and a convective thermal break; and the reflective surfaces block 96% of radiant heat coming from both sides of the material.

### Recommended Uses

Metal Buildings; Both Roof and Wall, Attic, Recreational Vehicles, Transportation/Cargo Blankets, Cold Chain Management Packaging, HVAC.

### Product Characteristics

Nominal Thickness	5/16"
Tensile Strength	14.6 lbs
Tear Strength	4.9 lbs
Typical Widths	16" to 96"
Typical Length	125'
Edge Finishing:	Square Edge, Staple Tab, Tape Tab

### Performance Characteristics

#### Thermal performance

Emissivity Rating(ASTM C1371)	0.04
Reflectivity	0.96

#### R Values

Heat flow horizontal	6.7
Heat flow up	5.4
Heat flow down	14.6

**Water Vapor Permeance (ASTM E96)** 0.000

**Flame Spread/Smoke Spread ASTM E84/2599**  
Class1/Class A 0/25

### Application Conditions

**Temperature** -60°F to 180°F

### Safety Precautions

Refer to MSDS before use



### Read This Before You Buy

#### What you should know about R Values

R means resistance to heat flow. The higher the R-Value, the greater the insulating power. Compare insulation R Values before you buy. There are other factors to consider. The amount of insulation you need depends mainly on the climate you live in.

Also, your fuel savings from insulation will depend upon the climate, the type and size of your house, the amount of insulation already in your house, and your fuel use patterns and family size. If you buy too much insulation, it will cost you more than what you'll save on fuel. To get the marked R-Value, it is essential that this insulation be installed properly.

POLYAIR