

### Product Description:

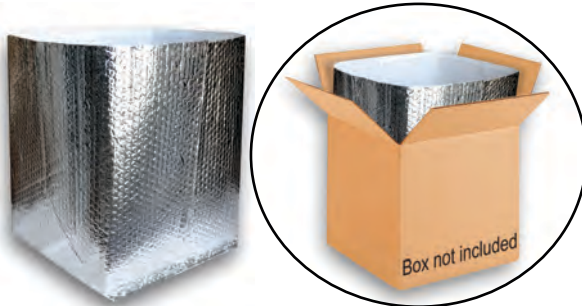
R-SHIELD Reflective Packaging Insulation is a single layer of polyethylene bubbles, sandwiched between either two layers of highly reflective surfaces or between a layer of a highly reflective surface and a polyethylene layer. This product has been specifically designed and is FDA Food Grade Certified for insulating temperature sensitive products.

### Features:

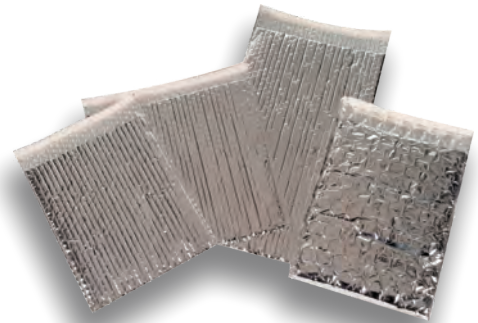
- 96% Reflectivity for optimal thermal performance
- Unaffected by moisture & controls condensation
- Single bubble provides an effective thermal break

### Applications

#### Gusseted Bags / Box Liners



#### Mailer Pouches and Envelopes



Physical Properties	Test	Value
NOMINAL THICKNESS	—	3/16"
FIRE RATING	ASTM E84-09	CLASS 1 / CLASS A
	CAN/ULC-S102-10	FLAME SPREAD = 0 / SMOKE DEVELOPED = 20
FIRE RATING - FULL ROOM BURN	NFPA 286	PASSES
EMISSIVITY	ASTM C1371-04A	0.04
REFLECTIVITY	ASTM E903	0.96
WATER VAPOR PERMEABILITY	ASTM E96	0.04 Perms
RESISTANCE TO FUNGI & BACTERIA	ASTM C1149	DOES NOT PROMOTE GROWTH
PLIABILITY	ASTM C1224-03	NO CRACKING
BLEEDING AND DELAMINATION	ASTM C1224-03	NO BLEEDING OR DELAMINATION
CORROSIVENESS	ASTM D3310-00	PASSES

