



# TECHNICAL DATA SHEET

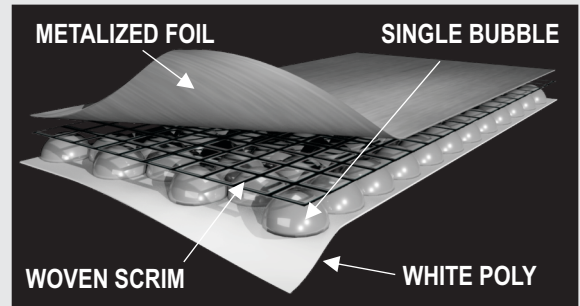
**rFOIL® Max-NT (No-Tear) - 2910 SERIES**  
 White Poly / Single Bubble / Woven Scrim / Metalized Foil



## Product Description:

rFOIL® Max-NT (No-Tear) 2910 Series Reflective Insulation is comprised of a layer of polyethylene bubbles bonded to a woven polyethylene scrim and sandwiched between a reflective radiant barrier film and a white sheet of polyethylene. The interior film is a durable, UV-Protected white polyethylene facing. rFOIL® Max-NT is specifically designed to stay in place when stapled to wood purlins or decking, and to withstand windy conditions.

rFOIL® Max-NT 2910 Series is intended for post-frame applications, or whenever the insulation is stapled to wood. rFOIL® Max-NT provides superior tear-resistance, while dramatically reducing the amount of radiant heat gain/loss in buildings. Adding rFOIL® Max-NT to your construction project improves the insulation value of the building envelope and significantly increases its energy efficiency. rFOIL® Max-NT has a Class 1/A Fire Rating (ASTM E-84), and is tested for UV-resistance under ASTM G-154 (4000 hours).



## Features:

- Superior Tear Resistance When Stapled in Place
  - 96% Reflectivity for Optimal Thermal Performance
  - UV-Resistant Facing (ASTM G-154...4000 hours)
  - Helps Control Condensation
  - Thermal Value Unaffected by Moisture
  - Resistant to Mold and Mildew
  - Provides a Thermal Barrier and Vapor Barrier
  - Neat, Washable White Polyethylene Facing
- **The First Scrim-Reinforced Reflective Bubble Insulation in the Industry**



## Applications:

- Post Frame / Pole Barn Buildings
- Agricultural & Livestock Buildings
- Residential Metal Roofing
- Pre-Engineered Steel Buildings

## Stock Roll Sizes:

| Size: | 48" x 125'  | 50" x 125'        | 72" x 125'  | 74" x 125'        |
|-------|-------------|-------------------|-------------|-------------------|
|       | Square Edge | 1 Tab / QuickSeam | Square Edge | 1 Tab / QuickSeam |

Custom sizes available

## Edges Available:

- Square Edge
- 1 Tab
- 1 Tab QuickSeam

| PHYSICAL PROPERTIES              | TEST                        | VALUE                                      |
|----------------------------------|-----------------------------|--|
| NOMINAL THICKNESS                | —                           | .125"                                      |
| FIRE RATING                      | ASTM E84-08 / ASTM E2599-08 | CLASS 1 / CLASS A                          |
|                                  | ASTM E84-08                 | FLAME SPREAD < 25 / SMOKE DEVELOPED < 50   |
| UV TESTING                       | ASTM G155                   | 90+% RETAINED RETENTION after 4000 hours * |
| FIRE RATING - FULL ROOM BURN     | NFPA 286                    | PASSES *                                   |
| EMISSIVITY                       | ASTM C1371-04A              | 0.04 *                                     |
| REFLECTIVITY                     | ASTM E903                   | 0.96 *                                     |
| WATER VAPOR PERMEABILITY         | ASTM E96                    | 0.01 Perms *                               |
| RESISTANCE TO FUNGI and 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 *                                   |

\* PHYSICAL CHARACTERISTIC TEST RESULTS FOR THE SUBSTRATE MINUS THE SCRIM



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