

Product Evaluation

RE: Review of Avery Dennison OmniCube T-11500 Series Reflective Sheeting

PRODUCT

The Avery Dennison OmniCube T-11500 Series Reflective Sheeting utilizes 100% reflective efficiency for optimal performance. The Avery Dennison OmniCube T-11500 Series Reflective Sheeting is manufactured by Avery Dennison located in Nilus, Illinois, USA.

VENDOR CLAIMS AND INFORMATION

CLAIMS

The Avery Dennison OmniCube T-11500 Series Reflective Sheeting is a 'Full Cube', prismatic grade reflective sheeting utilizing durable, micro-prismatic retro-reflective material. OmniCube full-cube prisms are 100% efficient, returning approximately 60 percent of available light back to the driver compared to only 40% when using other prismatic sheeting's. Product web link:

<http://reflectives.averydennison.com/en/home/products/traffic/prismatic-sheeting/t-11500-omnicube-series.html>

DESCRIPTION

The Avery Dennison OmniCube T-11500 Series Reflective Sheeting material consists of full cube sheeting using multiple tiles of prisms arranged to provide uniform reflectivity

POTENTIAL USAGE

The Avery Dennison OmniCube T-11500 Series Reflective Sheeting incorporates the needs of all vehicle types; trucks, SUVs, automobiles and motorcycles into one reflective sheeting.

STANDARDS

The Avery Dennison OmniCube T-11500 Series Reflective Sheeting material meets or exceeds ASTM D4956 for Sheeting Type XI, Class 1 Backing.

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product. Alberta Transportation uses reflective sheeting material conforming to Standard Specifications for Highway Construction, Specification 5.18 Supply of Permanent Highway Signs, Posts and Bases.

APPLICABLE STANDARDS

The Alberta Transportation specification for Reflective Sign Sheeting Material is as follows:

Standard Specification for Highway Construction, Specification 5.18 Supply of Permanent Highway Signs, Posts and Bases

RECOMMENDATIONS:

Avery Dennison OmniCube T-11500 Series Reflective Sheeting should be listed as a Trial Product under Alberta Transportation Products List, Signs and Support System – Reflective Sheeting, Regulatory/Warning/Information Signs – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

Hwy 63 at Hammerstone Quarry Turnoff Sign below the tourist sign on the steel access road (2012)

Hwy 63 at mounted below the Kears Lake, Fire Bag, husky sign on Canterra Road (2012)

Mayerthorp, on 51 ave where it enters 52 street (across the street from public works (2012)

Joe Filice

cc Innovations Evaluation Group – Abid Malik
Richard Chow