



INSULATION & PACKAGING DISTRIBUTORS CC

ALUBUBBLE TECHNICAL DATA SHEET

Product Description & Specification

Single Sided (Code 2906)

Material	4mm Laminate 7 UM Aluminium Foil, bonded by LDPE to a 10mm LDPE bubble with a white LDPE backing.
Classification	Class D (Reflective foil laminate, unreinforced one surface reflective)
Form	Roll
Length, mm	>40 000
Width, mm	1250
Mass per unit area g/m ²	280
Resistance to dry Delamination at elevated ambient temperatures	No Delamination
Resistance to: A) Corrosion and B) Wet Delamination at elevated ambient temperatures	No Corrosion No Delamination
Shrinkage Machine Direction Cross Machine Direction	<1.5 <1.5
Emissivity	<0.05
Water vapor permeance, g/(s.MN)	<0.002
Tensile Breaking Strength Machine Direction, KN/m of width Cross Machine Direction, KN/m of width	2.6 1.9
System Thermal Resistance, (m ² K)/W (with two 25mm air gaps – heat flow down) White side facing hot plate Foil side facing hot plate	0.96 0.85
Bursting Strength, kPa	285
Puncture Resistance, mJ	10300
Edge Tear Resistance Machine Direction, N Cross Machine Direction, N	121 90

