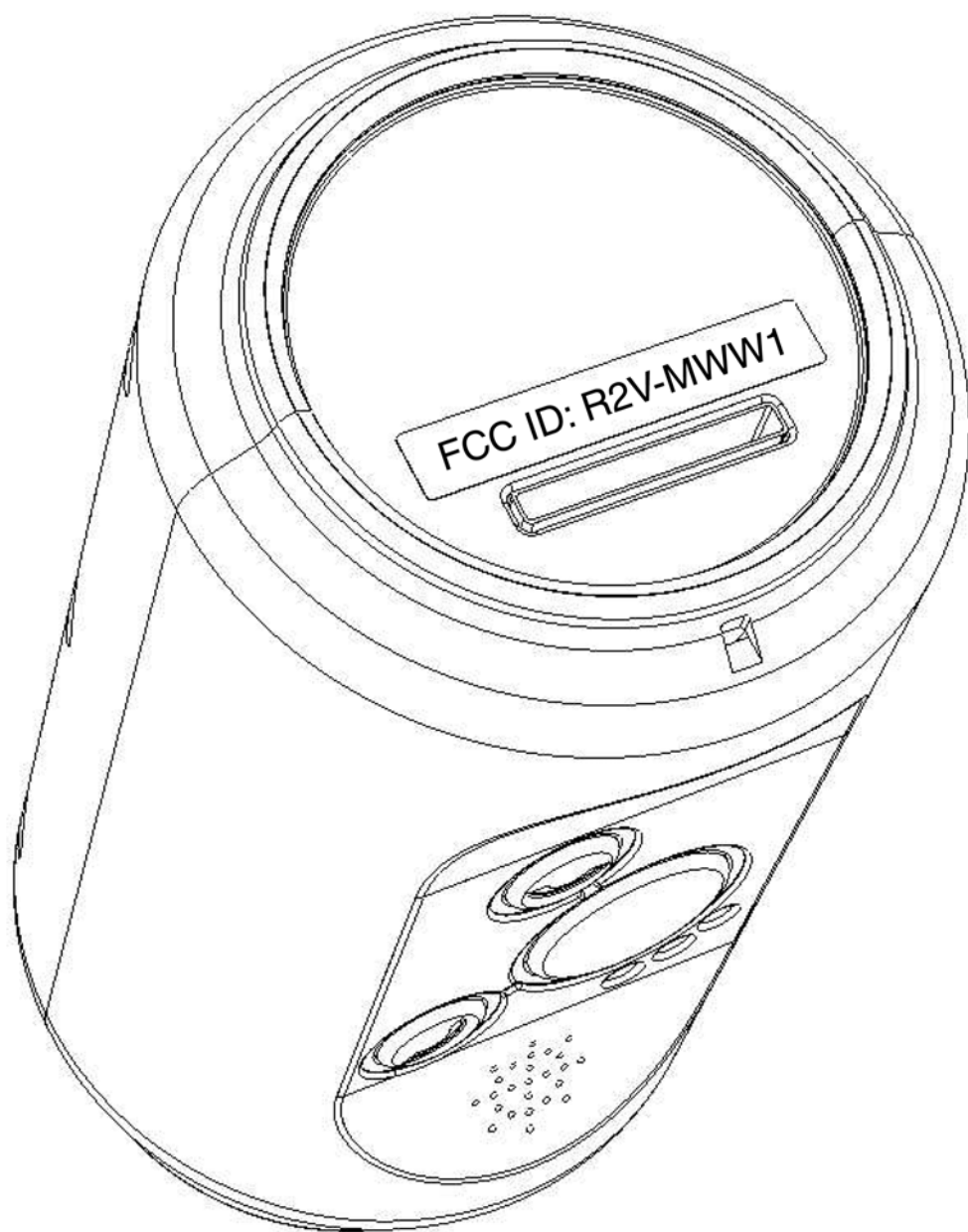


EMC Technologies Report Number: M040312_Cert_Tracker_Can

APPENDIX G – FCC Labelling





PRODUCT DATA SHEET **COMPUCEL EXCEL 22440**

Description:

COMPUCEL EXCEL Series is a UL recognized 2.0 mil matte cross technology printable (electron beam, wax, resin and wax/resin thermal transfer). Silver polyester film coated with an aggressive, permanent acrylic pressure-sensitive adhesive, and backed with a roll form liner.

Application:

Industrial: Materials tracking, bin markings, drum labels, asset tracking, warning labels, product identification.
Automotive/Electronics: Product part identification and tracking

Appliances:

Product and component identification, tracking and agency recognition.

Healthcare:

Lab specimen tracking, microscope slide tracking, diagnostics.

Physical Properties:

Thickness
(mil/microns)

Value
MTC + Film: 2.4(61+/-10%
Adhesive: 0.8-0.9 (20-23+/-
0.1 (3)
Liner: 31. (79)+/-10%
Test Method
ASTM D
3652

Dimensional Stability
(%)

No Shrinkage Observed

Applied shrinkage: 24 hr dwell time on aluminium panel then 24hrs at 160 F (71 C)

Gloss 5.0-8.0

60 Gardner gloss meter densitometer

Adhesion Properties:

Ultimate peel from various surfaces

Average Range

Test Method

Stainless Steel

87 (737)

PSTC-1

Acrylic

71 (781)

Modified for 72 hour dwell time on listed surface)

Glass

69 (759)

Polypyrrolene

48 (528)

Expected Shear (hours):

100+

PSTC7
a. 1hr dwell
b. 1 sq in surface
c. 4lb load

Tack

540

ASTM D
2978

Minimum Application Temperature:

50 F (10 C)

Service Temperature Range:

-40 F to 302 F (-40 F to 150 C)

Exterior Life:

Film: 2 Years (matte topcoat may yellow with extended sunlight exposure).

Chemical Resistance:

Value
Windex: No visual change
Isopropyl Alcohol: No visual change
Gasoline: Edge Penetration
Oil (SAE 10W-30): No visual change
Acetic Acid (5%): No visual change
Water: No visual change
Toluene: Edge penetration, severe film deterioration.

Test Method
ASTM D 898, AB testing at room temperature, 5 cycles 10 min. in solvent 30 min. recover on stainless steel panel (24 hour recovery after last cycle) vs. 72 hour on stainless steel panel at room temperature (24 hour dwell on stainless steel panel before immersion).

Storage Life:

Shelf life of two years when stored under conditions of 70 F (21 C) and

COMPUCEL EXCEL 22440