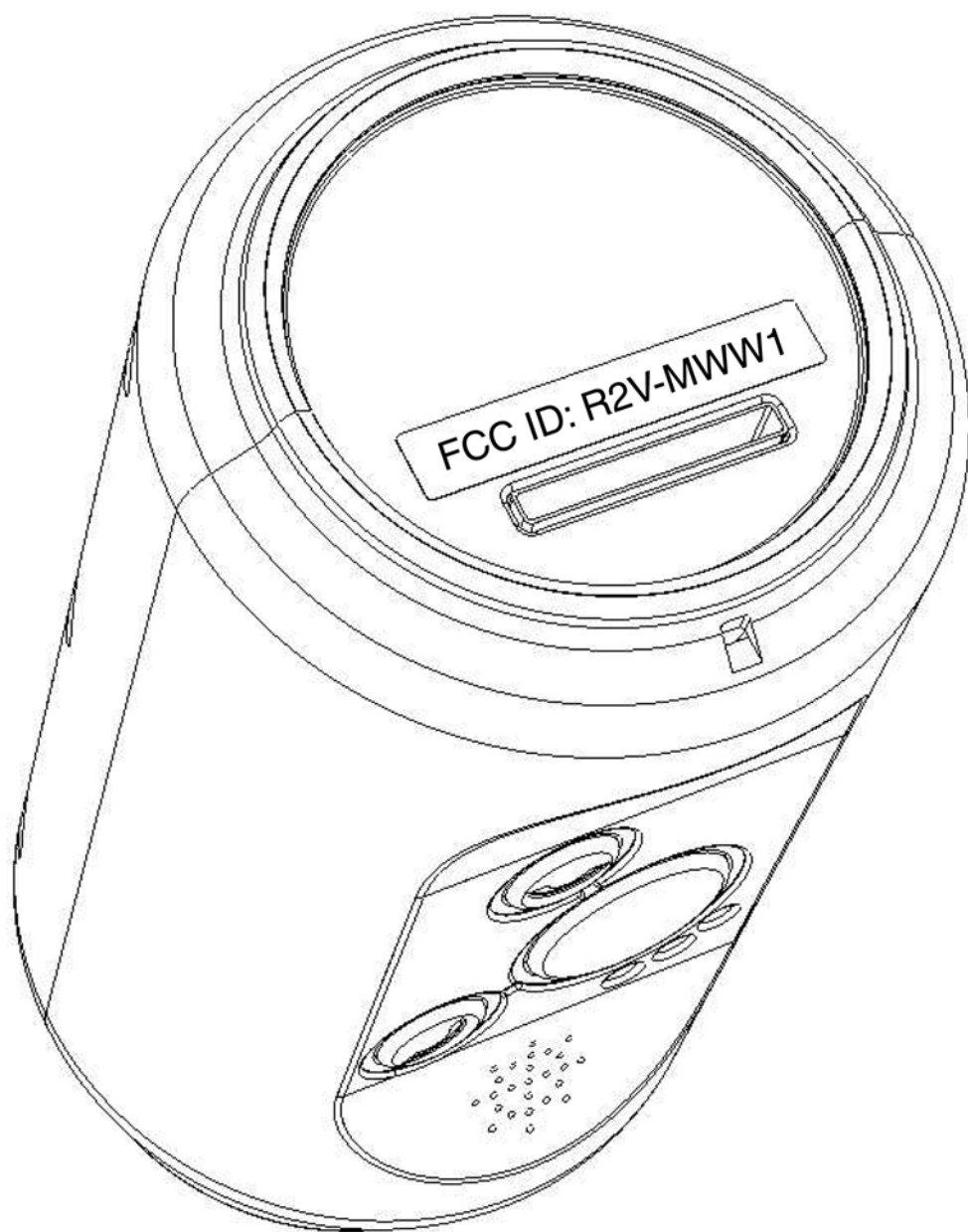


EMC Technologies Report Number: M040312_Cert_Tracker_Can

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

Glass

69 (759)

72 hour dwell

Polypyrrolene

48 (528)

time on listed surface)

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

Test Method

Windex: No visual change

ASTM D 898, AB testing at

Isopropyl Alcohol: No visual change

room temperature, 5 cycles 10

Gasoline: Edge Penetration

min. in solvent 30 min. recover

Oil (SAE 10W-30): No visual change

on stainless steel panel (24

Acetic Acid (5%): No visual change

hour recovery after last cycle)

Water: No visual change

vs. 72 hour on stainless steel

Toluene: Edge penetration, severe film deterioration.

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