

Denstply FCC ID Number: Q9X-MW874200

Label Materials

Email message from July 9, 2003

Hi Jim,

Here is the information on the label materials for the RDCU and CU.
The labels will be created by: Cline Printing, Ltd. 931 Oakton, Elk Grove Village, IL 60007 847-981-0500

General Product information

Clear polypropylene overlamine

Base on a tough biaxially-oriented polypropylene film, with high strength in the machine cross directions, coated with a high grade, water clear emulsion acrylic system. 410 offers excellent acid, chemical and oil resistance. This product meets specification for FDA files: 21 CFR 175.105 and 21 CFR 177.152

Backing - Biaxially-Oriented Polypropylene film

Adhesive- 5 lbs/Ream Emulsion Acrylic

Total Thickness (mils) 1.1

Adhesion to steel (oz/in of width) 12

Tensile Strength (lbs/in of width) 18

Elongation (% at break) 120

Temperature Range

Application +32F to +150F

Operating -60F to +200F

The material for our label is as follows:

LABEL DATA:

POLY-2000 L-344 SPEK 50K-8, made by FLEXCON

Thermal transfer printable white polyester film coated with a permanent pressure sensitive acrylic adhesive and backed with a semi bleached kraft release liner.

Approval Agencies: CSA accepted and UL recognized product. Refer to FLexon's CSA [file:099214](#) L 000 Class No. 7922 01, Class No. 7924 01, UL file no: MH16635 (N), MH10170 (N)

PHYSICAL PROPERTIES:

Thickness [mil (micron)]: Tested with ASTM D 3652

Film: 2.0 (51) +/- 10%

Adhesive: 0.8-0.9 (20-23) +/-0.1 (3)

Liner: 3.1 (79) +/-10%

Dimension Stability (%): Tested on Al panel at 160F, (70C) for 24 hr

MD: 0.50

TD: 0.50

ADHESIVE PROPERTIES:

Adhesive from [oz/in (N/m)]: Tested with PSTC 1 (modified for 72 Hour dwell time)

Stainless Steel - 55-80 (605-880), Average 67 (737)

Acrylic - 60-85 (660-935), Average 71 (781)
Glass - 55-80 (605-880), Average 67 (737)

Expected Shear - 100 hours Tested with PSTC 7 (1 hr dwell, 1sq. in., 4 lb. Load)

Tack (gm/sq cm) - 400-700, 540 Average Tested per ASTM D 2979

Expected exterior life: 2 Years
Service Temperature range: -40F to 302F (-40C to +150C)
Minimum Application Temperature: 50F (10C)

Storage Stability: 2 Years stored at 70F (21C) and 50%

INK SYSTEM:
Poly Screen Lamination Ink System

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