

MODEL: FIBEAIR™ 1528-24-0A

FIBEAIR™ 1500



FCC ID: NZ4CRN-FA1500-24

15-O-F-24-UL-TL

24-0A

P/N:



01-0128-0

S/N:



A422696

RX FREQ: 24200-24250 TX FREQ: 24050-24100

MODEL: FIBEAIR™ 1528-24-0B

FIBEAIR™ 1500



FCC ID: NZ4CRN-FA1500-24

15-O-F-24-UL-TH

24-0B

P/N:



01-0129-0

S/N:



A422705

RX FREQ: 24050-24100 TX FREQ: 24200-24250

# **THERMLfilm® SELECT™**

## **Product Information**

### **22940**

#### **Product Description:**

THERMLfilm SELECT 22940 is a UL/CSA-recognized, 2.0 mil gloss topcoated thermal transfer printable silver matte polyester, coated with an aggressive, permanent solvent-based acrylic adhesive, and backed with a roll form release liner.

- THERMLfilm MM-200-SM..... 2.0 mil silver matte polyester designed for high-performance label applications.
- T/C-390..... Topcoat resists smudging and abrasion when printed with super premium (resin) and premium (wax/resin) thermal transfer ribbons. *Offers static dissipating properties and is fan-foldable.*
- L-344..... Aggressive, high-performance permanent solvent-based acrylic adhesive.
- S50K-8..... 50 lb. bleached Kraft release liner.

**Product Variations:** None

#### **Applications:**

Industrial:

UL/CSA rating plates and nameplates, materials tracking

Automotive:

Under the hood labels/parts identification

Healthcare:

Pharmaceutical, diagnostic, and laboratory specimen tracking

#### **Features:**

- Static dissipating properties reduce print voids due to static generated at the print head
- Ideal for fan-foldable applications
- Compatible with color and black super premium (resin) and premium (wax/resin) thermal transfer ribbons
- Printable with a wide range of conventional solvent and water-based inks
- Adhesive offers high initial tack, high shear, and high ultimate bond to a wide variety of surfaces
- Superior print quality to print-treated polyesters
- Liner is suitable for label sensing equipment with most thermal transfer printers
- UL-recognized as part of a thermal transfer printing system which includes a ribbon and THERMLfilm SELECT 22940. FLEXcon's thermal transfer printable films are recognized with UL Laboratories under 969 standard for Marking and Labeling Systems, file number MH 16635(N) and are listed in the recognized component directory under Section PGJ12, Component-Printing Materials
- This product with specific thermal transfer ribbon(s) and printer(s) is a CSA recognized Electronic Printing Technology under CSA standard C22.2 No. 0.15-95.
- Available in Quick-Ship

#### **Recommendations:**

Evaluate the intended ribbon and ink system for compatibility with this product under application conditions.



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# **THERMLfilm® SELECT™**

## **22940**

**Physical Properties:**

Gauge [mils (microns)]  
Film: 2.0 (51) +/- 10%  
Adhesive: 0.8 - 0.9 (20-23) +/- 0.1 (3)  
Liner: 3.1 (79) +/- 10%

**Dimensional Stability:**

Excellent: No measurable shrinkage observed on applied parts. Sample applied to aluminum for 24 hours at 160°F.

**Chemical Resistance:**  
(non-printed stock)**Household Cleaners:**

Mild Acid:

Oil:

Water:

No effect on topcoat or adhesive  
No effect on topcoat or adhesive  
No effect on topcoat or adhesive  
No effect on topcoat or adhesive

Overlaminate are available to protect label graphics that are exposed to harsh environments.

**Adhesive Performance:****72 Hour Peel Adhesion from:**

	<u>Expected Range</u>	
	oz/in	(N/m)
Stainless Steel	50-85	(550-935)
Acrylic	55-90	(605-990)
Glass	55-90	(605-990)
Polypropylene	35-65	(385-715)

**Expected Shear (hours):**

50

**Exterior Durability:**

Two years

**Service Temperature Range:**

-40°F to 302°F (-40°C to 150°C)

**Minimum Application Temperature:**

50°F (10°C)

**Storage Stability:**

Shelf life of two years when stored under conditions of 70°F (21°C) and 50% relative humidity.

**Product Performance and Suitability**

All of the descriptive information and recommendations for the use of FLEXcon products should be used only as a guide. Furnishing such information and recommendations shall in no event constitute a warranty of any kind by FLEXcon. All purchasers of FLEXcon products shall independently determine the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of FLEXcon is authorized to give any warranty, guaranty, or to make any representation in addition or contrary to the above.