



# PRODUCT INFORMATION

**24DTE0053141LF**

**Item #: S9274760**

TC RESISTANT DT FSC/531 REMOVABLE ADHESIVE/2.8 MIL LASER LINER

Approximate weight per MMSI: 220 lbs. Standard core size is 3 inches. Total caliper: 6.2 mils +/- 10%

## FACESTOCK

A 50# (74 g/m<sup>2</sup>), no phenols added, top coated direct thermal paper. Resistant to moisture, oil and heat. Also has plasticizer resistance at room temperature. Ideal for weigh scale labels, pharmacy, shipping and warehousing applications. FSC®-certified paper.

| Test Property               | Units                         | Typical Value | Metric Units    | Metric Value | Test Method |
|-----------------------------|-------------------------------|---------------|-----------------|--------------|-------------|
| Basis Weight                | lbs/25X38-500<br>(3300 Sq Ft) | 50.0          | grams/sq meter  | 74.0         | TAPPI T410  |
| Caliper - Average           | mil                           | 2.9           | um (micrometer) | 73.7         | TAPPI T411  |
| Smoothness (PPS) Print Side | um                            | 1.2           | um              | 1.2          | TAPPI T555  |
| Tear-MD                     | grams                         | 40.0          | mN              | 392.3        | TAPPI T414  |
| Tensile-CD                  | lb/inch                       | 14.9          | kN/m            | 2.6          | TAPPI T494  |
| Stiffness-MD                | Gurley (mg)                   | 91.8          | mN              | .9           | TAPPI T543  |
| Stiffness-CD                | Gurley (mg)                   | 40.8          | mN              | .4           | TAPPI T543  |
| Brightness UV Excl          | %                             | 82            | %               |              | Tappi T571  |
| Initial Activation Temp     | F                             | 199           | C               | 93           | ISO 1924    |
| Effective Activation Temp   | F                             | 235           | C               | 113          | ISO 1924    |
| Optimum Activation Temp     | F                             | 241           | C               | 116          | ISO 1924    |

## ADHESIVE

General purpose removable acrylic adhesive for use with paper or film face stocks. Removes from some glass, plastic, and textile surfaces.

| Test Property                  | Units      | Typical Value | Metric Units | Metric Value | Test Method |
|--------------------------------|------------|---------------|--------------|--------------|-------------|
| Shear (1 x 1/2 x 1 kg)         | hours      | 2.6           | hours        | 2.6          | CPD-55      |
| Peel - 180 D SS 20 min         | lb/inch    | 0.30          | grams/25 mm  | 133.9        | CPD-52      |
| Peel - 180 D HDPE 20 min       | lb/inch    | 0.35          | grams/25 mm  | 156.3        | CPD-52      |
| Peel - 180 D LDPE 20 min       | lb/inch    | 0.37          | grams/25 mm  | 165.2        | CPD-52      |
| Peel - 180 D Glass 20 min      | lb/inch    | 0.25          | grams/25 mm  | 111.6        | CPD-52      |
| Peel - 180 D Corrugated 20 min | lb/inch    | 0.90          | grams/25 mm  | 401.8        | CPD-52      |
| Loop Tack Stain Steel          | oz/sq inch | 24            | kg/645 sq mm | .7           | CPD-16      |
| Loop Tack HDPE                 | oz/sq inch | 18            | kg/645 sq mm | .5           | CPD-16      |
| Loop Tack LDPE                 | oz/sq inch | 13            | kg/645 sq mm | .4           | CPD-16      |
| Loop Tack Corrugated           | oz/sq inch | 7             | kg/645 sq mm | .2           | CPD-16      |
| Min. App. Temp.                | F          | 40            | C            | 4            |             |
| Service Temp.                  | F          | 1 TO 140      | C            | -17 TO 60    |             |
| FDA Compliance                 | 21 CFR     | 175.105       |              |              |             |

### Notes

This adhesive is not intended for layflat applications.

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# PRODUCT INFORMATION

## LINER

A premium, 41# (66 g/m<sup>2</sup>) white kraft liner that is designed for roll-to-sheet and fan fold applications. Ideal for smooth feeding in desktop laser and inkjet printers. Suitable for die cutting both paper and film.

| Test Property                       | Units                         | Typical Value | Metric Units    | Metric Value | Test Method |
|-------------------------------------|-------------------------------|---------------|-----------------|--------------|-------------|
| Basis Weight                        | lbs/24X36-500<br>(3000 Sq Ft) | 40.5          | grams/sq meter  | 66.0         | TAPPI T410  |
| Caliper - Average                   | mil                           | 2.7           | um (micrometer) | 68.6         | TAPPI T411  |
| Smoothness (PPS) Liner Release Side | um                            | 2.5           | um              | 2.5          | TAPPI T555  |
| Smoothness Liner Release Side       | Sheffield Units               | 30            | Sheffield Units | 30.0         | TAPPI T538  |
| Smoothness Backside                 | Sheffield Units               | 200           | Sheffield Units | 200.0        | TAPPI T538  |
| Tear-MD                             | grams                         | 46.9          | mN              | 459.9        | TAPPI T414  |
| Tear-CD                             | grams                         | 54            | mN              | 529.6        | TAPPI T414  |
| Tensile-MD                          | lb/inch                       | 32            | kN/m            | 5.6          | TAPPI T494  |
| Tensile-CD                          | lb/inch                       | 14.3          | kN/m            | 2.5          | TAPPI T494  |
| Brightness                          | %                             | 84            | %               | 84.0         | TAPPI T452  |

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