



# PRODUCT INFORMATION

**022TD0027541WK**

**Item #: S9156560**

HI SENSITIVITY DT FSC/275 ULTRA REMOVABLE ADH/41# WHITE KRAFT LINER  
Approximate weight per MMSI: 226 lbs. Standard core size is 3 inches. Total caliper: 6.1 mils +/- 10%

### FACESTOCK

A 53# (78 g/m<sup>2</sup>) top coated direct thermal coated paper for more demanding applications and higher imaging speeds.  
FSC®-certified paper.

| Test Property               | Units                         | Typical Value | Metric Units    | Metric Value | Test Method |
|-----------------------------|-------------------------------|---------------|-----------------|--------------|-------------|
| Basis Weight                | lbs/25X38-500<br>(3300 Sq Ft) | 52.8          | grams/sq meter  | 78.1         | TAPPI T410  |
| Caliper - Average           | mil                           | 3.0           | um (micrometer) | 76.2         | TAPPI T411  |
| Smoothness (PPS) Print Side | um                            | .9            | um              | .9           | TAPPI T555  |
| Tear-MD                     | grams                         | 43            | mN              | 421.7        | TAPPI T414  |
| Tear-CD                     | grams                         | 44            | mN              | 431.5        | TAPPI T414  |
| Tensile-MD                  | lb/inch                       | 32            | kN/m            | 5.6          | TAPPI T494  |
| Tensile-CD                  | lb/inch                       | 16            | kN/m            | 2.8          | TAPPI T494  |
| Stiffness-MD                | Gurley (mg)                   | 90            | mN              | .9           | TAPPI T543  |
| Stiffness-CD                | Gurley (mg)                   | 40            | mN              | .4           | TAPPI T543  |
| Brightness                  | %                             | 83.0          | %               | 83.0         | TAPPI T452  |
| Initial Activation Temp     | F                             | 171           | C               | 77           | ISO 1924    |
| Effective Activation Temp   | F                             | 190           | C               | 88           | ISO 1924    |
| Optimum Activation Temp     | F                             | 244           | C               | 118          | ISO 1924    |

#### Notes

<http://gbp.com/coated-direct-thermal-ink-recommendations>

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## ADHESIVE

Most universal acrylic microsphere adhering to corrugated, glass, metal, and plastics. No residue on glass or credit cards. Repositionable. Not recommended for small labels, or flood coated applications. Repulpable when applied to paper face stocks.

| Test Property                  | Units      | Typical Value | Metric Units   | Metric Value | Test Method |
|--------------------------------|------------|---------------|----------------|--------------|-------------|
| Caliper - Calculated           | mils       | 0.4           | um(micrometer) | 10.1         |             |
| Shear (1 x 1/2 x 1 kg)         | hours      | .2            | hours          | .2           | CPD-55      |
| Peel - 180 D SS 20 min         | lb/inch    | .201          | grams/25 mm    | 89.7         | CPD-52      |
| Peel - 180 D Glass 20 min      | lb/inch    | .116          | grams/25 mm    | 51.8         | CPD-52      |
| Peel - 180 D Corrugated 20 min | lb/inch    | .174          | grams/25 mm    | 77.7         | CPD-52      |
| Loop Tack Stain Steel          | oz/sq inch | 9.73          | kg/645 sq mm   | .3           | CPD-16      |
| Loop Tack HDPE                 | oz/sq inch | 4.0           | kg/645 sq mm   | .1           | CPD-16      |
| Loop Tack LDPE                 | oz/sq inch | 4.7           | kg/645 sq mm   | .1           | CPD-16      |
| Loop Tack Corrugated           | oz/sq inch | 1.7           | kg/645 sq mm   | .0           | CPD-16      |
| Loop Tack Glass                | oz/sq inch | 3.0           | kg/645 sq mm   | .1           | CPD-16      |
| Min. App. Temp.                | F          | 35            | C              | 2            |             |
| Service Temp.                  | F          | 20 TO 120     | C              | -7 TO 49     |             |
| FDA Compliance                 | 21 CFR     | 175.105       |                |              |             |

### Notes

Some streaking is normal with 275. Therefore, it is not recommended for small label or flood coat applications. We will honor claims if streaks are wider than 3/16 in.; or multiple smaller streaks spaced less than 3 in. apart. This adhesive is not intended for layflat applications.

## LINER

A premium, 41# (66 g/m<sup>2</sup>) white kraft liner that is designed for roll-to-roll and fan-fold applications. Outstanding performance 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  |
| Tear-MD           | grams                         | 46.9          | mN              | 459.9        | TAPPI T414  |
| Tear-CD           | grams                         | 54.0          | mN              | 529.6        | TAPPI T414  |
| Tensile-MD        | lb/inch                       | 32.0          | kN/m            | 5.6          | TAPPI T494  |
| Tensile-CD        | lb/inch                       | 14.3          | kN/m            | 2.5          | TAPPI T494  |

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