



**050HS0027540SC**

**Item #: S7702060**

HI SPEED THERMAL TRANSFR/275 ULTRA REMOVABLE ADH/40 SC LINER

Approximate weight per MMSI: 212 lbs. Standard core size is 3 inches. Total caliper: 5.7 mils +/- 10%

**FACESTOCK**

47# (70 g/m<sup>2</sup>) premium bright white, coated, ultra-smooth thermal transfer paper stock offering ribbon compatibility.

| Test Property               | Units           | Typical Value | Metric Units    | Metric Value | Test Method |
|-----------------------------|-----------------|---------------|-----------------|--------------|-------------|
| Basis Weight                | lbs/25X38-500   | 47.3          | grams/sq meter  | 70.0         | TAPPI T410  |
| Caliper - Average           | mil             | 2.9           | um (micrometer) | 73.7         | TAPPI T411  |
| Opacity                     | %               | 88            | %               | 88.0         | TAPPI T425  |
| Smoothness-Felt Side        | Sheffield Units | 25            | Sheffield Units | 25.0         | TAPPI T538  |
| Smoothness (PPS) Print Side | um              | 2.0           | um              | 2.0          | TAPPI T555  |
| Tear-MD                     | grams           | 42            | mN              | 411.9        | TAPPI T414  |
| Tear-CD                     | grams           | 40            | mN              | 392.3        | TAPPI T414  |
| Tensile-MD                  | lb/inch         | 26            | kN/m            | 4.6          | TAPPI T494  |
| Tensile-CD                  | lb/inch         | 17            | kN/m            | 3.0          | TAPPI T494  |
| Brightness                  | %               | 85            | %               | 85.0         | TAPPI T452  |

**ADHESIVE**

An exceptionally strong microsphere adhesive with good clean removal and multiple reposition properties. Works in many applications, including corrugated and plastics. Not recommended for small label or flood coat applications.

| 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.

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**LINER**

A white densified kraft sheet 41# (67 g/m<sup>2</sup>) with excellent point-to-point caliper control.

| Test Property     | Units          | Typical Value | Metric Units    | Metric Value | Test Method |
|-------------------|----------------|---------------|-----------------|--------------|-------------|
| Basis Weight      | lbs/24X36-500  | 41            | grams/sq meter  | 66.8         | TAPPI T410  |
| Caliper - Average | mil            | 2.4           | um (micrometer) | 61.0         | TAPPI T411  |
| Gloss             | % @ 75 degrees | 57            | % @ 75 degrees  | 57.0         | TAPPI T480  |
| Opacity           | %              | 60            | %               | 60.0         | TAPPI T425  |
| Tear-MD           | grams          | 35            | mN              | 343.2        | TAPPI T414  |
| Tear-CD           | grams          | 39            | mN              | 382.5        | TAPPI T414  |
| Tensile-MD        | lb/inch        | 40            | kN/m            | 7.0          | TAPPI T494  |
| Tensile-CD        | lb/inch        | 17            | kN/m            | 3.0          | TAPPI T494  |
| Brightness        | %              | 76            | %               |              | TAPPI T452  |

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