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## Technical Data Sheet

### 1423

#### High Gloss Waterbased Coating

This is a high gloss waterbased coating for inline line application on offset presses. The coated surface will provide good abrasion resistance as well as gloss. The 1423 is also suitable for work and turn applications provided proper drying is available. Printed sheets can be considered glueable and hot stampable but this should be fully qualified with your system before full scale production due to the wide variability in substrates, adhesives and foils. The 1423 coating can be applied by any of the conventional plate or blanket coaters currently in use. Several viscosity versions are available to accommodate specific machine needs. Their typical properties are:

	<u>1423B</u>	<u>1423BC</u>	<u>1423C</u>	<u>1423D</u>
Brookfield viscosity: spindle #2/20rpm/77°F	340-450cps	250-400cps	200-350cps	100-250cps
Zahn cup #3 @ 77°F:	30-35s	25-30s	20-25s	15-20s
Solids:	41 ± 1%	40.5 ± 1%	40 ± 1%	39 ± 1%

**Dilution:** Use water as needed or water/alcohol mixtures.

**Clean up:** Start with warm water. Use water/alcohol/ammonia mixtures for dried films.

**Suggested Coat Weight:** 1 to 1.5 dry pounds per 3000 square feet.

**COF (TMI-32-06) Face to Face, C sled**

**Static COF: 0.200-0.500 @ 55% rh**

**Kinetic COF: 0.150-0.300 @ 55%rh**

**Static Slide Angle (TMI-32-25): 19 ± 4° @ 55% rh face to face.**

**Note:** All COF and Slide Angle data is dependent on substrate, ink properties, cure and humidity. The above are guidelines only and will pertain to fully cured films.

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