



## Q9004B Low VOC Primer Coating

Aqueous Coating Technical Data Sheet

The Prisco Q9004B is a general purpose gloss Primer coating for inline application wet trapping over lithographic inks to both sides of the substrate. It is designed to produce an even and fast drying film formation over a wide variety of substrates and inks. This allows for quick turnaround times and an even defect-free surface. The Q9004B has been formulated to have low VOC content. It is part of the Prisco "Go Green" program, especially designed for printers' in areas where air quality management is a concern. This product is a primer version of the Q9000B.



## Product Bulletin



### Advantages:

- Good Gloss levels
- Good Rub Resistance
- Good Dry
- Low VOC 0.07 lbs/gal (0.78%)
- Zinc and IPA Free
- Excellent primer for UV, Film Lamination, Varnish, or other topcoat finishing

### Physical Properties:

|                  |   |
|------------------|---|
| Viscosity        | 17-19 seconds, #3 EZ Zahn timed @ 25°C/77°F |
| pH               | 7.5-8.5                                     |
| Gloss            | @ 30 points over the substrate              |
| Solids           | 38% +/-3%                                   |
| Wt./gal          | 8.6-8.8 lbs/gal                             |
| VOC              | 0.05 lbs per gallon                         |
| Block Resistance | Pass 120°F, 10PSI, 6 Hrs                    |
| Rub Resistance   | Good @ 200+ Sutherland Rubs w/ 4lb weight   |

### Application:

Commercial Sheetfed  
General Purpose  
Folding Carton

- **Application Viscosity**-Stir and use as received.
  - Viscosity reduction only with Prisco technical support
  - Recommended Application Temperature 70-80°F
- **Equipment**-Blanket and tower coaters, anilox coaters
- **Drying**-Sufficient volumes or warm dry air, and medium and short wave IR. Pile temperatures should range 95-100°F 1<sup>st</sup> side, and 85-90°F 2<sup>nd</sup> side
- **Wet Film Weight**-Recommend 0.8-1.2 wet pounds per 1000 square feet of substrate
- **Inks**-Sheetfed lithographic oxidative ink. Wax content should be limited to 2-3% polyethylene.
- **Clean up**-Cleaning is best before coating dries. Use warm water and Prisco Aqueous Coating Cleaner
- **Shelf Life**-6 months stored at room temperature.

**Product Code:** RU61-55B (55 gallon drum), RU61-30B (30 gallon drum), RU61-5GF (5 gallon pail)

Prisco recommends that you test coatings for specialty applications using the actual raw materials to be used in production prior to printing.

Read MSDS before using this product

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