



BRADEN SUTPHIN
I N K C O M P A N Y

THE COLOR OF LEADERSHIP
SHEETFED | HEATSET | FLEXO

ALL SUBSTRATES INKS

PRODUCT APPLICATION

The All Substrates series is a water-based flexo ink developed to print on various substrates for narrow and wide web applications. The All Substrates series of inks have run successfully on such substrates as corona treated films, coated and uncoated paper and films, tyvek, folding cartons, sealing tape, napkins and corrugated boxes. All Substrates is our most popular line of water-based flexo inks for the label and carton industries and offers excellent press stability and low maintenance features.

PRODUCT FEATURES

- *The ink properties of the All Substrates series include excellent adhesion, flexibility, gloss and rub resistance*
- *For added scratch resistance, we offer a press-side additive to enhance the scratch resistance on certain substrates*
- *Ink series may be used in combination with our specialty water-based overprints or UV curable overprints and inks to obtain higher gloss and unique resistant properties*

PRODUCT BENEFITS

Narrow and wide web flexo operations **no longer have to spend extra money** to carry inks specifically for paper and another for film applications. By using the All Substrates series you will be able to use **less ink inventory space**. Selecting Braden Sutphin All Substrates inks for all your printed paper, film, tape, carton, and box needs is a smart choice that will pay dividends.

TECHNICAL INFORMATION

Equipment specifications: All Substrates series was formulated to run on conventional metering and doctor blade setups where ink volumes are 4 to 8 bcm per anilox roller with anilox line screen counts of 360 to 440. For higher line aniloxes and lower bcm, i.e. 1000 lines 1.0 bcm, we offer an Extra Strength version, which is primarily used for 4-color process printing. The All Substrates ink series offers excellent color strength and printability at press speeds up to 400 feet per minute. Testing is required to verify actual ink performance at operating speeds.

Quality control parameters: Viscosity is generally between 15-20 seconds #3 Zahn cup with pH of 9.2 - 9.8.

Shelf life: Guaranteed for up to one year from manufacture when stored in a sealed container. Optimum storage temperature is 50°-70° F.

Resistance: Chemical resistance properties vary with applications and substrates. Call our Technical Department for specifications.

Colors: Base colors for blending systems available. Also pantone, fluorescent, metallic and custom colors matched at no additional charge to meet any job specifications. All evaluations performed side-by-side versus standard.

Pre-testing on actual substrate is always recommended.

ALL SUBSTRATES INKS

Due to variations in stocks and other variables inherent in the printing process that are beyond the control of the ink maker, we cannot assume any responsibility for the final outcome of the printed job.

Disclaimer: The technical information presented on our data sheets is correct to the best of our knowledge. We recommend the product be tested before application. Final determination for the performance is the sole responsibility of the user. The data presented is not to be interpreted as a warranty or guarantee as conditions of application could affect performance.

EXPERIENCE THE COLOR OF LEADERSHIP

Contact Braden Sutphin today at 1.800.289.6872 or visit www.bsink.com to find the location nearest you, place an order or for more information on products and services.

