



# *Spectra<sup>®</sup> LS System*

**A Division of Sun Chemical**

## **TECHNICAL INFORMATION**

*Spectra LS System* is a new premium low set off ink system developed in the US Ink research laboratories. The Spectra LS System represents the next generation in low set off technology and was achieved through the identification and optimization of key ink raw materials, fountain solution, and pre-press / press conditions. The Spectra LS System is an ideal solution for the multi-variable problem of page-to-page set off.

### **Substrate Application**

- 27 # newsprint
- 30 # newsprint

### **Unique Features**

- Reduced page-to-page set off
- Reduced pipe roller, angle bar and former board build-up
- Less marking
- Increased mileage and reduced misting

### **Requirements for Optimum Performance**

#### **Pressroom:**

- Density control to SNAP specification
- Minimum ink and water settings
- Rycoline LS fountain solution
- Folder settings at the proper pressure ranges
- Trolley rollers centered in the margins
- Mailroom strapping settings must not over compress the bundles
- Newsprint with optimum and consistent levels of absorption

#### **Pre-press checks:**

- Total area coverage (TAC) set no higher than 240%. Less TAC reduces set off and show-through
- Use higher levels of GCR to reduce total ink in photographs
- Check incoming ads that are created at the advertiser to ensure that they have proper SNAP settings

For more details on the Spectra LS System call your local US Ink representative or US Ink's corporate headquarters at (800) 423-8838 or (201) 935-8666