

The Market for Graphic Arts Film Revisited: The Relationship of Related Equipment to Film Consumption

I. Introduction	11
A. Overview	11
B. About State Street Consultants	11
II. Objectives	12
III. Scope	13
IV. Methodology	14
V. Historical Trends	18
A. Film Shipments.....	18
B. Plate Shipments	19
C. Installed Base of Imagesetters Versus Recording Film.....	22
D. Changing Purchase Intentions	22
VI. Building the Model	25
A. Overview of the Model.....	25
B. Estimating The Installed Base of Imagesetters.....	25
1. Sources Used	25
2. Adjustments	26
3. Our Estimate of the Installed Base of Imagesetters	27
a. Installed Base: All Imagesetters	28
b. Installed Base: Split Between Stand-Alone and With CTP	30
C. Estimating the Film Used by an Imagesetter.....	30
1. Sources Used	30
2. Statistical Analysis	31
3. Our Estimate of the Film Used per Imagesetter in 2002	32
D. Total Recording Film Used for 2002	33
E. Adjustments.....	36
1. Level of Printing Adjustment	39
2. Digital Printing Adjustment.....	42
3. Proofing Adjustment.....	43
4. Width Reduction Adjustment.....	45
F. Calibrating the Model.....	46
G. Structure and Use of the Recording Film Model	47
How to Use the Model.....	47
VII. Historical Findings.....	49
VIII. Forecast for Graphic Arts Film – Square Feet	52
A. Recording Film Square Feet.....	52
1. Summary Results – Recording Film in Square Feet	53
2. Scenario A – Recording Film Square Feet.....	55
3. Scenario B – Recording Film Square Feet.....	56
4. Scenario C – Recording Film Square Feet	57
B. Camera and Contact Film Square Feet	59
IX. Forecast for Graphic Arts Film In \$	61
A. Estimating Future Film Prices.....	61
B. Estimating the Dollar Value of Graphic Arts Film Shipments	61
X. Survey Findings	67
A. Contact and Camera Film	67

The Market for Graphic Arts Film Revisited: The Relationship of Related Equipment to Film Consumption

B. Computer-to-Plate (CTP)	67
C. Proofing.....	69
D. Plates	70
E. Impact of Internet and PDF	70
XI. Conclusions	72
A. Decline in Film	72
B. Film Usage Detail	72
C. Segments to Watch.....	73
D. Factors to Watch.....	73
XII. Implications for NPES Members	75
A. Corporate Strategy and Planning	75
B. Product Market Strategy	75
C. Forecasting	75
D. Target Marketing and Sales Activities	75