

# Flexo IAS® and FlexoLite™

## Feature Comparison\*

	Transmissive - T    Reflective - R	Flexo IAS®		FlexoLite™	
		T	R	T	R
<b>Substrates</b>	<b>Flexo plate</b> Digital, conventional, capped, uncapped, digital mask	✓		✓	
	<b>Film</b>	✓		✓	
	<b>Prints on paper, board, foil</b>		✓		
<b>Measurements</b>	<b>Dot % and Area %</b> (AM or FM screen)	✓	✓	✓	
	<b>Line Screen</b> (line/cm or line/in)	✓	✓	✓	
	<b>Screen Angle</b> (deg)	✓	✓	✓	
	<b>Dot Quality</b> Diameter                      Circularity Area                              Box Ratio Perimeter	✓	✓	✓	
	<b>Line Quality</b> Line width                      Angle Edge raggedness              Distance Fill                                Discontinuity	✓	✓		
	Line density                      Contrast Blurriness		✓		
	<b>Area Quality</b> Reflectance                      Graininess Visual density                      Mottle		✓		
	<b>Color L*a*b* and Density</b>		✓		
	<b>Tone Reproduction</b> Reflectance                      Gray balance Density                              Dot % (Murray-Davies) % Area coverage                      Print contrast		✓		
	<b>Resolution</b> (MTF - Modulation Transfer Function)		✓		
	<b>Typical Applications</b>	<b>Flexo Plate and Film</b> Quality control	✓		✓
<b>Plate Calibration</b> Cutback curve Min dot compensation / bump curve		✓		✓	
<b>Highlight and Touching Dot Analyses</b>		✓		✓	
<b>Text Quality</b> Stroke width Edge raggedness Stroke density		✓	✓		
<b>Barcode Quality</b> (on plate and print) Line width, distance between lines Edge raggedness Density, Contrast		✓	✓		
<b>Intercolor Bleed</b>			✓		
<b>Trapping</b>			✓		
<b>Color Registration</b>			✓		
<b>Print Defect Characterization</b> Mottle                              Background / GS Graininess                              Banding Satellites                              Ghosting Voids                                      Slur Extraneous marks			✓		

\* (10/03) All specifications subject to change without notice.



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