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Automatic Data Collection – Bar Coding
UPC/EAN/Coupon Code - Bar Width Adjustment Chart
 Information Sheet 12, June 24, 2006

Magnification or Size	Narrow Bar Width	Print Tolerance +/-	Offset/Litho	Silk Screen	Flexo	Corrugated
80	.0104	.0014	-.0010*	-.0010*	-.0010**	***
85	.011	.002	-.0015	-.0015	-.0015**	***
90	.0117	.0027	-.0020	-.0025	-.0025**	***
95	.0124	.0034	-.0020	-.0030	-.0030**	***
100	.013	.004	-.0025	-.0035	-.0035**	***
105	.0136	.0043	-.0025	-.0035	-.0040**	***
110	.0143	.0046	-.0025	-.0040	-.0045**	***
115	.015	.0049	-.0025	-.0040	-.0045**	***
120	.0156	.0052	-.0025	-.0045	-.0050	***
125	.0163	.0055	-.0025	-.0050	-.0050	***
130	.0169	.0058	-.0025	-.0050	-.0050	***
135	.0176	.0061	-.0025	-.0050	-.0055	***
140	.0182	.0064	-.0025	-.0050	-.0055	***
145	.0189	.0067	-.0025	-.0050	-.0055	***
150	.0195	.007	-.0025	-.0050	-.0055	-.0080"
155	.0201	.0073	-.0025	-.0050	-.0055	-.0080"
160	.0208	.0076	-.0025	-.0050	-.0055	-.0080"
165	.0215	.0079	-.0025	-.0050	-.0055	-.0080"
170	.0221	.0082	-.0025	-.0050	-.0055	-.0080"
175	.0228	.0085	-.0025	-.0050	-.0055	-.0080"
18	.0234	.0088	-.0025	-.0050	-.0055	-.0080"
185	.0241	.0092	-.0025	-.0050	-.0055	-.0080"
190	.0247	.0095	-.0025	-.0050	-.0055	-.0080"
195	.0253	.0098	-.0025	-.0050	-.0055	-.0080"
200	.026	.0101	-.0025	-.0050	-.0055	-.0080"

* Codes at 80% have a very low tolerance and should be avoided.

** In most flexo printing situations it is best to work with a code that is 120% or larger

*** For best results when printing on corrugated stock, a 150% or larger symbol, with a bearer bar is suggested.

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