

Contents

	Foreword	
	Introduction	
1	Scope	
2	Normative references	
3	Terms and definitions	
4	Requirements	
4.1	General	
4.2	Material input requirements	
4.2.1	General	
4.2.2	Distortion correction	
4.2.3	Proof requirements	
4.2.4	Digital data files	
4.2.5	Film/printing forme requirements	
4.2.5.1	Colour separations	
4.2.5.2	Printing forme digital (laser ablative mask or thermal imaging layer)	
4.2.5.3	Film	
4.2.5.4	Printing forme verification for delivery	
4.2.5.5	Image size tolerance (film or printing forme)	
4.3	Printing aims	
4.3.1	General	
4.3.2	Halftoning parameters	
4.3.2.1	General	
4.3.2.2	Screen frequency	
4.3.2.3	Screen angle	
4.3.2.4	Dot shape and its relationship to tone value	
4.3.2.5	Tone value sum of the printing forme	
4.3.2.6	Tone value reproduction limits	
4.3.3	Print substrates	
4.3.4	Ink set colours	
4.3.5	Reproducibility of ink colour set	
4.3.6	Ink set gloss	
4.3.7	Tolerance for image positioning	
4.3.8	Tone value increase (TVI)	
4.3.9	Reproducibility of printing	
5	Communication	
Annex A	(normative) Communication of spot colour data	
Annex B	(informative) Information exchange	
Annex C	(informative) Determination of quality parameters of half-tone dots on a colour separation film	
C.1	Microline target	
C.2	Scanning microdensitometer	