


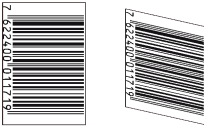






Janoschka	Guideline Artwork & Repro	FO/DR-0153
Guideline – Barcode reduction		



Barcode reduction

EAN 8/13 UPC Print direction: 	Size				
	From:	To:	Rotogravure	Laser-Direct-Gravure	Laser-Etching
	80,3% 90% 100%	89% 99% → Max size	Red: 0,03 Red: 0,03 Red: 0,03	Red: 0,04 Red: 0,04 Red: 0,04	Red: 0,035 Red: 0,035 Red: 0,035

EAN 8/13 UPC Print direction: 	Size				
	From:	To:	Rotogravure	Laser-Direct-Gravure	Laser-Etching
	80,3% 90% 100%	89% 99% → Max size	Red: 0,01 Red: 0,02 Red: 0,03	Red: 0,04 Red: 0,04 Red: 0,04	Red: 0,05 Red: 0,05 Red: 0,05

PZN (Pharma Code) Print direction: 	Size				
			Rotogravure	Laser-Direct-Gravure	Laser-Etching
	Small Regular Large		Red: 0,02 Red: 0,03 Red: 0,03	Red: 0,03 Red: 0,04 Red: 0,04	Red: n.a. Red: n.a. Red: n.a.

PZN (Pharma Code) Print direction: 	Size				
			Rotogravure	Laser-Direct-Gravure	Laser-Etching
	Small Regular Large		Red: 0,01 Red: 0,02 Red: 0,03	Red: 0,03 Red: 0,04 Red: 0,04	Red: n.a. Red: n.a. Red: n.a.

2D-Codes (DataMatrix / QR-Codes) Print direction: 	Size				
			Rotogravure	Laser-Direct-Gravure	Laser-Etching
	all		Red: 0,03	Red: 0,04	Red: 0,035