

## Barcode Quiet Zones

We recommend the following quiet zones to be used with the listed bar code symbologies. Please consider that quiet zones often depend on a specific label format, so please hold on to your specification (if you have one).

### 1D Symbologies

No.	Barcode Symbology	Vertical quiet zone		Horizontal quiet zone					
		top	bottom	left	right				
63	Australian Post Customer	2mm		6mm					
64	Australian Post Customer 2								
65	Australian Post Customer 3								
68	Australian Post Redirection								
66	Australian Post Reply Paid								
67	Australian Post Routing								
18	CodaBar	-		10X					
2	Code 2 of 5 Standard / Code 2 of 5 Matrix	-		10X but min. ¼ in					
6	Code 2 of 5 Data Logic								
4	Code 2 of 5 IATA								
7	Code 2 of 5 Industrial								
3	Code 2 of 5 Interleaved								
1	Code 11			10X	10X				
8	Code 39	-		10X but min. ¼ in					
9	Code 39 Extended	-		10X but min. ¼ in					
25	Code 93								
62	Code 93 Extended	-		10X but min. ¼ in					
20	Code 128								
59	Code 128 Subset A								
60	Code 128 Subset B								
61	Code 128 Subset C								
22	Deutsche Post Identcode			See Code 39					
21	Deutsche Post Leitcode								
10	EAN-8 *	-		7X					
11	EAN-8 with 2 digits add-on *			add-on: 7-10X	add-on: 5X				
12	EAN-8 with 5 digits add-on *			11X	7X				
13	EAN-13 *			-		add-on: 7-10X	add-on: 5X		
14	EAN-13 with 2 digits add-on *					-		7-10X	5X
15	EAN-13 with 5 digits add-on *								
72	EAN-14	-		See EAN-128					
16	EAN-128	-		10X but min. ¼ in					
28	Fluttermarken	Application dependent							
69	ISBN Code	-		same as EAN-13 P5					
76	Japanese Postal	2mm	2mm	2mm	2mm				
77	Korean Post Authority			Not exactly specified but use 10X					
50	LOGMARS	same as Code-39?		same as Code-39?					
47	MSI	See Plessey		See Plessey					
75	NVE-18			See EAN128					
51	Pharmacode One-Track	-		6mm					
53	Pharmacode Two-Track	-		6mm					
82	Planet 12	See USPS Postnet							
83	Planet 14								
46	Plessey Code	-		12 X					
52	PZN (Pharma Zentralnummer)	see Code 39							
70	Royal Mail 4 State (RM4SCC)	-		2mm					

29	RSS-14	-	RSS needs no QZ	
78	RSS-14 Truncated			
31	RSS Expanded			
30	RSS Limited			
48	SSSC-18	-	See EAN-128, for some label specs it says 1/4in	
32	Telepen Alpha			
33	UCC / EAN-128	-	10X but min. ¼ in	
17	UPC 12		à UCP A	
34	UPC version A	-	9X	
35	UPC version A, 2 digits add-on		add-on: 9-12X	add-on: 5X
36	UPC version A, 5 digits add-on			
37	UPC version E		9X	7X
38	UPC version E, 2 digits add-on	-	add-on: 9-12X	add-on: 5X
39	UPC version E, 5 digits add-on			
40	USPS Postnet 5	1/25in	1/8in	
41	USPS Postnet 6			
42	USPS Postnet 9			
43	USPS Postnet 10			
44	USPS Postnet 11			
45	USPS Postnet 12			

\* In all TBarCode Versions the QZ for these 1D symbologies is already included in the bar code generation algorithm – so you need no extra adjustments.

## 2D Symbologies

No.	Barcode Symbology	Vertical quiet zone		Horizontal quiet zone	
		top	bottom	left	right
74	Codablock F	10X		10X	
71	Data Matrix	1 cell (X)		1 cell (X)	
57	MaxiCode	1 cell (X)		1 cell (X)	
84	MicroPDF417	-		1X	
55	PDF417	2X		2X	
56	PDF417 Truncated				
58	QR-Code	4 cells (X)		4 cells (X)	
79	RSS-14 Stacked	-		-	
80	RSS-14 Stacked Omnidirectional				
81	RSS Expanded Stacked				

\* In TBarCode Version 6 the QZ for these 2D symbologies is already included in the bar code generation algorithm – so you need no extra adjustments

X stands for the module width (narrow bar width)