QuadTech®
Our passion is *your success.*™

Color Control System Color Bars

Functional Description:

The color control system offers many standard color bar configurations, for both Solid Ink Density control and Instrument Flight® control, to meet a range of printing needs. All color bars are available in three standard heights, 1/16" (1,6mm), 1/8" (3,1mm) and 1/4" (6,35mm). There is no white space requirement. Color bars can accommodate up to 4 special colors.

Standard bars incorporate combinations of the following types of patches:

- 100% Black
- 100% Cyan
- 100% Magenta
- 100% Yellow

- 50% Black
- 50% Cyan
- 50% Magenta
- 50% Yellow

- 100% 2-Color Traps (Red, Green, Blue)
- Solid 3-Color Overprint Trap
- 100% Special color (up to 4)
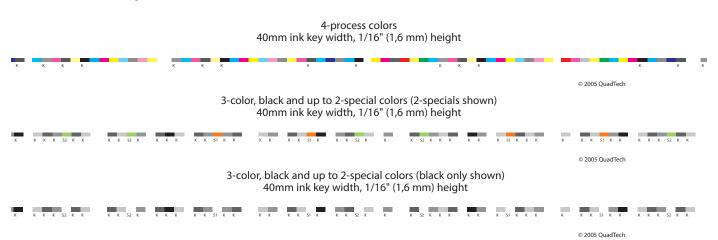- Midtone 3-Color Overprint Trap

- Paper White

Color bars can incorporate other QuadTech® product marks. Custom color bars are available for an additional cost.

Instrument Flight® Color Bars

6-color, 4-process colors and up to 2-special colors (2-specials shown),
40mm ink key width, 1/16" (1,6 mm) height

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8-color, 4-process colors and up to 3 or 4-special colors (4-specials shown),
40mm ink key width, 1/16" (1,6 mm) height

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6-color, 4-process colors and up to 2-special colors (2-specials shown),
40mm ink key width, 1/10" (2,54 mm) height For special applications

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Solid Ink Density (SID) Color Bars

4-process colors
40mm ink key width, 1/16" (1,6 mm) height

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3-color, black and up to 2-special colors (2-specials shown)
40mm ink key width, 1/16" (1,6 mm) height

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3-color, black and up to 2-special colors (black only shown)
40mm ink key width, 1/16" (1,6 mm) height

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Specifications subject to change without notice.

QUADTECH STANDARD COLOR BARS

Key Width	Control Method	NUMBER OF SPECIAL COLORS 0	1	2	4	COLOR-TO-COLOR REGISTER LATERAL MARKS Max Colors Across*	STANDARD PATCH WIDTH (Min. 0.0625" High)	TURNED PATCH WIDTH (Min. 0.100" High)
STANDARD INSTRUMENT FLIGHT BARS								
40mm	Instrument Flight	●				8-Color	●	
40mm	Instrument Flight			●		none	●	
40mm	Instrument Flight				●	none	●	
40mm	Instrument Flight			●		8-Color		●
40mm	Instrument Flight				●	4-Color		●
35mm	Instrument Flight	●				none	●	
35mm	Instrument Flight			●		none	●	
35mm	Instrument Flight	●				8-Color		●
32.5mm	Instrument Flight	●				none	●	
32.5mm	Instrument Flight		●			none	●	
32.5mm	Instrument Flight			●		none		●
32.5mm	Instrument Flight				●	none		●
32.5mm	Instrument Flight	●				4-Color		●
32mm	Instrument Flight	●				none	●	
32mm	Instrument Flight		●			none	●	
32mm	Instrument Flight			●		none		●
32mm	Instrument Flight				●	none		●
32mm	Instrument Flight	●				4-Color		●
STANDARD SOLID INK DENSITY BARS — 4 PROCESS + X SPECIAL COLORS								
35mm	Density	●				8-Color	●	
35mm	Density			●		8-Color	●	
32.5mm	Density			●		8-Color	●	
32mm	Density			●		8-Color	●	
STANDARD SOLID INK DENSITY BARS — BLACK + X SPECIAL COLORS								
40mm	Density			●		8-Color	●	
40mm	Density				●	8-Color	●	
35mm	Density			●		8-Color	●	
35mm	Density				●	8-Color		●
32.5mm	Density			●		8-Color	●	
32.5mm	Density				●	8-Color		●
32mm	Density			●		8-Color	●	
32mm	Density				●	8-Color		●

* QuadTech Lateral Color-to-Color Register marks for MultiCam, Vector, or RGS V-I.

The table above lists the QuadTech Standard Color Bar configurations. Instrument Flight color bars can be used with either Solid Ink Density control or QuadTech® Color Control with Instrument Flight® Systems. All Standard Color Bars including 4-color process colors contain RGB two-color trap patches. Separations for up to two special colors can be left unused. Color Bars that accommodate two special colors can be used for 4-process color only jobs as well as jobs that include four process colors and up to two special colors. QuadTech® Ribbon Control Systems are able to use the reference marks found in QuadTech® MultiCam™, Vector® or RGS V-I marks. Standard Color Bars do not include RCS 4000 marks. Changes in height, width, additional marks or placement of marks require custom Color Bars and are subject to an additional cost.

Worldwide Sales, Worldwide Support

QuadTech's well-established worldwide sales and support network keeps us in touch with customers everywhere. We have full service offices in the USA, Asia Pacific, Europe, and Japan and are also represented internationally by a complement of agents. Local technical support, including training and field service, is readily available throughout the world. Because we're also committed to achieving the highest standards of quality in our manufacturing and engineering processes, QuadTech is an ISO 9001:2000 registered company.