



All Marathon Matrix VF™ comes labeled with sizing information right on the product, for easy identification.

Go on a "time diet", with Marathon Matrix VF™!

Marathon Matrix VF™ assures quick and easy makeready, reliable and accurate registration, and a high quality crease, run, after run, after run.

With its vulcanized fiberboard construction, Marathon Matrix VF™ allows for unsurpassed durability and registration for runs short or long.



Marathon Matrix VF™ Application Chart

Board Thickness	Crease Rule Thickness	Crease Rule Height Range*	With Grain	Across Grain	Extra Depth
.006	1 pt.	.927 - .931	VF1224	VF1224	N /A
.008	1 pt.	.925 - .929	VF1224	VF1232	N/A
	1-1/2 pt.	.925 - .929	VF1232	VF1232	
.010	1-1/2 pt.	.923 - .927	VF1232	VF1240	VF1640
	2 pt.	.923 - .927	VF1240	VF1248	VF1640-1648
.012	1-1/2 pt.	.921 - .925	VF1240	VF1240	VF1640
	2 pt.	.921 - .925	VF1240	VF1248	VF1640-1648
.014	2 pt.	.919 - .923	VF1648	VF1656	VF2048-2056
.016	2 pt.	.917 - .921	VF1648	VF1656	VF2048-2056
.018	2 pt.	.915 - .919	VF1656	VF1664	VF2056-2064
.020	2 pt.	.913 - .917	VF2064	VF2064	VF2464-2472
.022	2 pt.	.911 - .915	VF2064	VF2072	VF2464-2472
.024	2 pt.	.909 - .913	VF2472	VF2472	VF2480
	3 pt.	.909 - .913	VF2480	VF2490	VF2880-2890
.026	3 pt.	.907 - .911	VF2490	VF2490	VF2890
.028	3 pt.	.905 - .909	VF2890	VF28100	VF3290-32100
.030	3 pt.	.903 - .907	VF28100	VF28100	VF32100
.032	3 pt.	.901 - .905	VF32100	VF32110	VF32100-32110
	4 pt.	.901 - .905	VF32110	VF32120	VF40110-40120
.034	3 pt.	.898 - .903	VF32110	VF32110	VF40110
	4 pt.	.898 - .903	VF32110	VF32120	VF40110-40120
.036	3 pt.	.897 - .901	VF32110	VF32110	VF40110
	4 pt.	.897 - .901	VF32120	VF32120	VF40120
.040	4 pt.	.893 - .897	VF40120	VF40136	VF40120-40136

*Values are for .937 cutting rule. When using other cutting rule heights, appropriate adjustments must be made.

Tips on using Channel® Creasing Matrix:

- Channel width can be determined by multiplying the board thickness by a factor of 1.5 or 2.0 and adding this amount to the crease rule thickness.
- Crease rule height is generally determined by subtracting the board thickness from the cutting rule height. It may be necessary to vary the creasing rule height due to board type, bond strength, moisture content or thickness variations.
- Depending upon the board type, it may be necessary to run a more narrow or deeper channel on "with grain" creases to obtain the desired result.
- Due to wide variations in board quality, moisture content, coatings and bending characteristics, some experimentation may be necessary. The guidelines are only a foundation on which special exceptions should be built.



CHANNEL®
CREASING
MATRIX, INC.

Please see page 2 of this document for a complete listing of available sizes.



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Marathon Matrix VF™ part numbers and sizes

The first 2 digits of each part number represent the depth of the channel and the last 2 or 3 digits represent the width of the channel, both figures are in thousands of an inch. **For example:** 1224 = .012 channel depth and .024 channel width.

Part number:	Part number:	Part number:	Part number:
VF1224	VF2048	VF2864	VF4080
VF1232	VF2052	VF2868	VF4090
VF1240	VF2056	VF2872	VF40100
VF1248	VF2060	VF2880	VF40110
VF1252	VF2064	VF2890	VF40120
VF1256	VF2068	VF28100	VF40136
	VF2072		VF40150
VF1632	VF2080	VF3272	VF40200
VF1640		VF3280	VF40250
VF1648	VF2456	VF3290	
VF1652	VF2460	VF32100	
VF1656	VF2464	VF32110	
VF1660	VF2468	VF32120	
VF1664	VF2472	VF32136	
VF1668	VF2480	VF32150	
VF1672	VF2490	VF32200	
		VF32250	



West

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