PAPERBOARD

Use This Formula to Find Channel Width:

(Paperboard thickness x 1.75) + rule thickness = channel width

Example: 20 pt. board = (.020" x 1.75) + (rule thickness 2 pt .0280") = .063" channel width

Use This Formula to Find Crease Height:

Rule height - paperboard thickness - (extra .005" for matrix mylar*) = crease height

Example: (.937" rule) - (20 pt. board = .020") - (.005") = .912" crease

Use This Chart to Find Your Matrix:

You need to know **paperboard thickness**, **cutting rule height**, and **creasing rule height**.

Example: If paperboard thickness is 20 pt (.020"), cut is .937" and crease is .912",
then use .024" x .064" matrix (0.6mm x 1.6mm metric)

Fibre material thickness	Crease rule width	If .918" cut, use this crease height	If .937" cut, use this crease height	Matrix	Metric	Metal Back
0.006	1pt	0.907	0.926	12 x 24	0.3 x 0.6	24
0.006	2pt	0.907	0.926	12 x 40	0.3 x 1.0	40
0.008	1pt	0.905	0.924	12 x 32	0.3 x 0.8	32
0.008	2pt	0.905	0.924	12 x 40	0.3 x 1.0	40
0.010	1pt	0.903	0.922	12 x 32	0.3 x 0.8	32
0.010	2pt	0.903	0.922	12 x 48	0.3 x 1.2	50
0.012	1pt	0.901	0.920	16 x 40	0.4 x 1.0	40
0.012	2pt	0.901	0.920	16 x 52	0.4 x 1.3	50
0.014	2pt	0.899	0.918	16 x 52	0.4 x 1.3	50
0.016	2pt	0.897	0.916	20 x 56	0.5 x 1.4	60
0.018	2pt	0.895	0.914	20 x 60	0.5 x 1.5	60
0.020	2pt	0.893	0.912	24 x 64	0.6 x 1.6	67
0.024	2pt	0.889	0.908	28 x 68	0.7 x 1.7	67
0.026	2pt	0.887	0.906	32 x 76	0.8 x 1.9	75
0.026	3pt	0.887	0.906	32 x 92	0.8 x 2.3	90
0.028	3pt	0.885	0.904	32 x 92	0.8 x 2.3	90
0.030	3pt	0.883	0.902	32 x 100	0.8 x 2.5	100
0.032	3pt	0.881	0.900	32 x 100	0.8 x 2.5	100
0.034	3pt	0.879	0.898	40 x 100	1.0 x 2.5	100
0.036	3pt	0.877	0.896	40 x 108	1.0 x 2.7	105
0.038	3pt	0.875	0.894	40 x 108	1.0 x 2.7	105
0.038	4pt	0.875	0.894	40 x 128	1.0 x 3.2	120
0.040	4pt	0.873	0.892	48 x 128	1.2 x 3.2	120

Metal	XTC
24	0.4 x 0.6
32	0.4 x 0.8
40	0.4 x 1.0
50	0.5 x 1.3
60	0.5 x 1.5
67	0.6 x 1.7
75	0.6 x 1.9
90	0.7 x 2.3
100	1.0 x 2.5
105	1.0 x 2.7
120	1.0 x 3.0
150	1.2 x 4.0
200	1.2 x 5.0
250	1.2 x 6.0

MATRIX SELECTOR