XTC

CORRUGATED MATRIX SELECTOR

Flute Symbol	Board Specification	Crushed Caliper	Crease height point size	Matrix size
B	180WLC/105F/150T	0.71	23.00 /3PT	0.7 X 2.5
B	210WLC/105/150T	0.73	23.00/ 3PT	0.7 X 2.5
B	230WLC/105F/200T	0.75	23.00 /3PT	0.8 X 2.7
B	230WLC/105F/186K	0.84	22.90/ 3PT	0.8 X 2.7
B	125K/105F/125TL3	0.59	23.25/ 2PT	0.6 X 1.9
B	125TL3/105F/125TL3	0.58	23.25/ 2PT	0.6 X 1.9
B	140WTK/105F/140K	0.61	23.10/ 3PT	0.7 X 2.3
B	140K/105F/140TL3	0.62	23.10/ 3PT	0.7 X 2.3
B	150K/105F/150TL3	0.65	23.10/ 3PT	0.7 X 2.5
B	150WTK/105F/150K	0.67	23.10/ 3PT	0.7 X 2.5
B	180WTK/105F/140TL3	0.72	23.00/ 3PT	0.8 X 2.5
B	186K/105F/190TL3	0.82	22.80/ 3PT	1.0 X 2.7
B	200WMK/105F/200K	0.84	22.80/ 3PT	1.0 X 3.0
C	140CC/112F/140TL3	0.70	23.10/3PT	0.7 X 2.5
C	186K/105F/190TL3	0.78	23.00/3PT	0.8 X 2.7
C	186K/240F/186K	1.16	22.60/4PT	1.2 X 4.0
C	200WMK/240F/186K	1.23	22.50/4PT	1.2 X 4.0
C	200WMK/240F/186K	1.24	22.50/4PT	1.2 X 4.0
C	300K/240F/300F	1.52	22.25/4PT	1.4 X 5.0
E	230WLC/105F/117T	0.65	23.10/3PT	0.7 X 2.5
E	190ENSO/105F/186K	0.75	23.00/3PT	0.8 X 2.7
E	230WLC/105F/200PE	0.78	23.00/3PT	0.8 X 2.7
E	125K/105F/125TL3	0.55	23.25/2PT	0.6 X 1.9
E	125K/105F/125T	0.55	23.25/2PT	0.6 X 1.9
E	130WTK/105F/125TL3	0.56	23.20/2PT	0.6 X 1.9
E	140WTK/105F/140TL3	0.58	23.20/2PT	0.6 X 1.9
E	140K/105F/140TL3	0.58	23.20/2PT	0.6 X 1.9
E	140WTK/105F/140WTK	0.57	23.20/2PT	0.6 X 1.9
F	180WLC/105F/125WTK	0.62	23.20/3PT	0.6 X 2.3
F	180WLC/105F/140TL3	0.65	23.20/3PT	0.6 X 2.3
F	120CC/68F/125TL3	0.40	23.40/2PT	0.4 X 1.5
F	125WTK/105F/125T	0.47	23.30/2PT	0.5 X 1.7
F	140K/105F/140TL3	0.57	23.20/2PT	0.6 X 2.1
F	140WTK/105F/140TL3	0.56	23.20/2PT	0.6 X 1.9
F	180WTK/105F/140TL3	0.60	23.20/3PT	0.6 X 2.3

Channel Creasing Matrix recommended matrix size for corrugated board on above chart. To be used with 23.80 mm cutting rule height.

CHART CODE SYMBOLS

CODE – DESCRIPTION

T	TEST
K	KRAFT
F	FLUTE
WLC	WHITE-LINE-CARD
WTK	WHITE-TOP-KRAFT
CC	CLAY-COAT
ENSO	ENSO COAT (LAMINATED PAPER)
WMK	WHITE- MOTTLED- KRAFT
PE	MOISTURE- RESISTANT-COATING

						Metres per Box	Metres per Reel
0.3	0.6	2/3	150 mic	✓	✗	24	48
0.3	0.8	2/3		✓	✗	24	48
0.3	1.0	2/3		✓	✗	24	48
0.3	1.1	2/3		✓	✗	24	48
0.3	1.2	2/3		✓	✗	24	48
0.3	1.3	2/3	to	✓	✗	24	48
0.3	1.4	2/3		✓	✗	24	48
0.3	1.5	2/3		✓	✗	24	48
0.3	1.6	2/3		✗	✗	24	48
0.3	1.7	2/3		✗	✗	24	48
0.3	1.9	2/3	350 mic	✓	✗	24	48
0.4	0.6	2/3	350 mic	✓	✗	24	48
0.4	0.8	2/3		✓	✗	24	48
0.4	1.0	2/3		✓	✗	24	48
0.4	1.1	2/3		✗	✗	24	48
0.4	1.2	2/3		✓	✗	24	48
0.4	1.3	2/3	to	✓	✗	24	48
0.4	1.4	2/3		✗	✗	24	48
0.4	1.5	2/3		✗	✗	24	48
0.4	1.6	2/3		✗	✗	24	48
0.4	1.7	2/3		✗	✗	24	48
0.4	1.9	2/3	450 mic	✗	✗	24	48
0.45	0.8	2/3	400 mic	✓	✗	24	48
0.45	1.0	2/3		✓	✗	24	48
0.45	1.1	2/3		✗	✗	24	48
0.45	1.2	2/3		✓	✗	24	48
0.45	1.3	2/3	to	✓	✗	24	48
0.45	1.4	2/3		✗	✗	24	48
0.45	1.5	2/3		✗	✗	24	48
0.45	1.6	2/3		✗	✗	24	48
0.45	1.7	2/3		✗	✗	24	48
0.45	1.9	2/3	500 mic	✗	✗	24	48
0.5	0.8	2/3	450 mic	✓	✓	24	48
0.5	1.0	2/3		✓	✓	24	48
0.5	1.1	2/3		✗	✓	24	48
0.5	1.2	2/3		✓	✓	24	48
0.5	1.3	2/3		✓	✓	24	48
0.5	1.4	2/3		✗	✓	24	48
0.5	1.5	2/3	to	✓	✓	24	48
0.5	1.6	2/3		✗	✓	24	48
0.5	1.7	2/3		✓	✓	24	48
0.5	1.9	2/3		✗	✓	24	48
0.5	2.1	2/3		✗	✓	24	48
0.5	2.3	2/3	550 mic	✓	✓	24	48
0.55	0.8	2/3	500 mic	✓	✓	24	48
0.55	1.0	2/3		✓	✓	24	48
0.55	1.2	2/3		✓	✓	24	48
0.55	1.3	2/3		✓	✓	24	48
0.55	1.4	2/3		✗	✓	24	48
0.55	1.5	2/3	to	✓	✓	24	48
0.55	1.6	2/3		✗	✓	24	48
0.55	1.7	2/3		✓	✓	24	48
0.55	1.9	2/3		✗	✓	24	48
0.55	2.1	2/3		✗	✓	24	48
0.55	2.3	2/3	600 mic	✓	✓	24	48
0.6	1.0	2/3	550 mic	✓	✓	24	48
0.6	1.1	2/3		✓	✓	24	48
0.6	1.2	2/3		✗	✓	24	48
0.6	1.3	2/3		✗	✓	24	48
0.6	1.4	2/3		✗	✓	24	48
0.6	1.5	2/3		✓	✓	24	48
0.6	1.6	2/3		✗	✓	24	48
0.6	1.7	2/3		✓	✓	24	48
0.6	1.9	2/3		✓	✓	24	48
0.6	2.1	2/3	to	✓	✓	24	48
0.6	2.3	2/3		✓	✓	24	48
0.6	2.5	2/3		✓	✓	24	48
0.6	2.7	2/3		✗	✓	24	48
0.6	3.0	2/3		✗	✓	24	48
0.6	3.2	3/4		✗	✓	18	36
0.6	3.5	3/4		✗	✓	18	36
0.6	4.0	3/4		✗	✓	15	30
0.6	5.0	4/6		✗	✓	15	30
0.6	6.0	4/6		✗	✓	15	30
0.6	7.0	4/6		✓	✓	15	30
0.6	8.0	4/6	650 mic	✓	✓	15	30
0.65	1.3	2/3	600 mic	✗	✓	24	48
0.65	1.4	2/3		✗	✓	24	48
0.65	1.5	2/3		✓	✓	24	48
0.65	1.6	2/3		✗	✓	24	48
0.65	1.7	2/3		✓	✓	24	48
0.65	1.9	2/3		✓	✓	24	48
0.65	2.1	2/3		✓	✓	24	48
0.65	2.3	2/3		✓	✓	24	48
0.65	2.5	2/3	to	✓	✓	24	48
0.65	2.7	2/3		✗	✓	24	48
0.65	3.0	2/3		✗	✓	24	48
0.65	3.2	3/4		✗	✓	18	36
0.65	3.5	3/4		✗	✓	18	36
0.65	4.0	3/4		✗	✓	15	30
0.65	4.5	3/4		✓	✓	15	30
0.65	5.0	4/6		✗	✓	15	30
0.65	6.0	4/6		✗	✓	15	30
0.65	7.0	4/6		✓	✓	15	30
0.65	8.0	4/6	700 mic	✓	✓	15	30
0.7	1.3	2/3	650 mic	✗	✓	24	48
0.7	1.4	2/3		✗	✓	24	48
0.7	1.5	2/3		✗	✓	24	48
0.7	1.6	2/3		✗	✓	24	48
0.7	1.7	2/3	(+Microflute	✗	✓	24	48
0.7	1.9	2/3	and	✓	✓	24	48
0.7	2.1	2/3	E flute)	✓	✓	24	48
0.7	2.3	2/3		✓	✓	24	48
0.7	2.5	2/3		✗	✓	24	48
0.7	2.7	2/3		✗	✓	24	48
0.7	3.0	2/3		✗	✓	24	48
0.7	3.2	3/4	to	✗	✓	18	36
0.7	3.5	3/4		✗	✓	18	36
0.7	4.0	3/4		✗	✓	15	30
0.7	4.5	3/4		✗	✓	15	30
0.7	5.0	4/6		✗	✓	15	30
0.7	6.0	4/6		✗	✓	15	30
0.7	7.0	4/6		✓	✓	15	30
0.7	8.0	4/6	750 mic	✓	✓	15	30
0.8	1.5	2/3	750 mic	✓	✓	24	48
0.8	1.6	2/3		✗	✓	24	48
0.8	1.7	2/3		✗	✓	24	48
0.8	1.9	2/3		✗	✓	24	48
0.8	2.1	2/3	(+ E flute	✗	✓	24	48
0.8	2.3	2/3	and	✓	✓	24	48
0.8	2.5	2/3	B flute)	✗	✓	24	48
0.8	2.7	2/3		✓	✓	24	48
0.8	3.0	2/3		✗	✓	24	48
0.8	3.2	3/4		✗	✓	18	36
0.8	3.5	3/4		✗	✓	18	36
0.8	4.0	4/6	to	✗	✓	15	30
0.8	4.5	4/6		✓	✓	15	30
0.8	5.0	4/6		✗	✓	15	30
0.8	6.0	4/6		✗	✓	15	30
0.8	7.0	4/6		✓	✓	15	30
0.8	8.0	4/6	900 mic	✓	✓	15	30
1.0	2.3	2/3	900 mic	✓	✓	24	48
1.0	2.5	2/3		✗	✓	24	48
1.0	2.7	2/3		✗	✓	24	48
1.0	3.0	2/3	(+B flute	✗	✓	24	48
1.0	3.2	3/4	and	✗	✓	18	36
1.0	3.5	3/4	C flute)	✗	✓	18	36
1.0	4.0	4/6		✗	✓	15	30
1.0	4.5	4/6		✓	✓	15	30
1.0	5.0	4/6	to	✗	✓	15	30
1.0	6.0	4/6		✗	✓	15	30
1.0	7.0	4/6		✓	✓	15	30
1.0	8.0	4/6	1100 mic	✓	✓	15	30
1.2	3.0	3/4	1100 mic	✗	✓	18	36
1.2	3.2	3/4		✗	✓	18	36
1.2	3.5	3/4		✗	✓	18	36
1.2	4.0	4/6	(+B flute	✗	✓	15	30
1.2	4.5	4/6	and	✓	✓	15	30
1.2	5.0	4/6	C flute)	✗	✓	15	30
1.2	6.0	4/6		✗	✓	15	30
1.2	7.0	4/6		✓	✓	15	30
1.2	8.0	4/6	1300 mic	✓	✓	15	30
1.4	3.0	3/4	1300 mic	✗	✓	18	36
1.4	3.2	3/4		✗	✓	18	36
1.4	3.5	3/4		✗	✓	18	36
1.4	4.0	4/6	(+C flute)	✗	✓	15	30
1.4	4.5	4/6		✓	✓	15	30
1.4	5.0	4/6		✗	✓	15	30
1.4	6.0	4/6	to	✗	✓	15	30
1.4	7.0	4/6		✓	✓	15	30
1.4	8.0	4/6	1500 mic	✓	✓	15	30
1.6	3.0	3/4	1500 mic	✗	✓	18	36
1.6	3.2	3/4		✗	✓	18	36
1.6	3.5	3/4		✗	✓	18	36
1.6	4.0	4/6		✗	✓	15	30
1.6	4.5	4/6	(+C flute)	✓	✓	15	30
1.6	5.0	4/6		✗	✓	15	30
1.6	6.0	4/6	to	✗	✓	15	30
1.6	7.0	4/6		✓	✓	15	30
1.6	8.0	4/6	1700 mic	✓	✓	15	30

Colour Code

pink	white	orange	blue	violet
grey	yellow	green	red	gold

Guidance to usage given in this publication is based on the detailed experience of our technical department, but cannot be guaranteed.

Customers should consider board density, coatings, etc. and assure themselves as to the suitability of products for a particular purpose.

PRODUCTS FROM Channel Creasing Matrix Limited TO BE USED IN CORRUGATED PACKAGING.

I/C MATRIX {INTERNAL CHAMFER}

This product is available in Trax and XTC ranges in all standard sizes we make over {300} sizes. The distinct advantage of this product is of having a more rounded internal profile, which allows the board to take a slightly less traumatic route when the creasing rule forces it in to the matrix

U- BEND MATRIX

U – bend matrix is available in Trax . It is intended for the depths and widths combinations for E, B and C flutes. They all have a specially designed location system that has been made to fit around the 2 crease rules allowing perfect registration from die to plate.

Soft C Profile rubber

The SOFT C is used on corrugate board where its 25-shore body will not crush the flute.

Also in the ejection rubber range we have Easi-Crease for corrugate, Flexi-Crease for rotary or flatbed die cutting and we have G-Profile rubber too.

TO RECEIVE FURTHER INFORMATION ON THESE PRODUCTS PLEASE DO NOT HESITATE TO CONTACT US.

MATRIX SELECTOR

Based on 23.80mm Cutting Rule & Thin Film Base Matrix Please note these sizes are suggestions only

Board Thickness/Weight		Creasing Rule		Matrix mm
Micron	GSM	Width	Height mm	Trax or XTC
150	150	2pt	23.60 or 23.65	0.30 x 0.80
200	175	2pt	23.55 or 23.60	0.30 x 1.00
250	200	2pt	23.50 or 23.55	0.30 x 1.10
300	225	2pt	23.45 or 23.50	0.30 x 1.10 or 0.30 x 1.20
350	250	2pt	23.40 or 23.45	0.30 x 1.20 or 0.30 x 1.30
400	275	2pt	23.35 or 23.40	0.40 x 1.30 or 0.40 x 1.40
450	300	2pt	23.30 or 23.35	0.50 x 1.40 or 0.50 x 1.50
500	335	2pt	23.25 or 23.30	0.50 x 1.40 or 0.50 x 1.50
550	365	2pt	23.20 or 23.25	0.60 x 1.50 or 0.60 x 1.70
550	365	3pt	23.20 or 23.25	0.60 x 1.70 or 0.60 x 1.90
600	400	2pt	23.15 or 23.20	0.60 x 1.70 or 0.60 x 1.90
600	400	3pt	23.15 or 23.20	0.60 x 1.90 or 0.60 x 2.10
650	435	3pt	23.10 or 23.15	0.70 x 2.10 or 0.70 x 2.30
700	465	3pt	23.05 or 23.10	0.70 x 2.10 or 0.70 x 2.30
750	500	3pt	23.00 or 23.05	0.80 x 2.30 or 0.80 x 2.50
750	500	4pt	23.00 or 23.05	0.80 x 2.50 or 0.80 x 2.70
800	535	3pt	22.95 or 23.00	0.80 x 2.50 or 0.80 x 2.70
800	535	4pt	22.95 or 23.00	0.80 x 2.70 or 0.80 x 3.00
900	600	4pt	22.85 or 22.90	1.00 x 3.00 or 1.00 x 3.20
1000	665	4pt	22.75 or 22.80	1.00 x 3.00 or 1.00 x 3.20
1100	700	4pt	22.65 or 22.70	1.20 x 3.20 or 1.20 x 3.50
1200	750	4pt	22.55 or 22.60	1.20 x 3.50 or 1.20 x 4.00
1200	750	6pt	22.55 or 22.60	1.20 x 4.00 or 1.20 x 5.00
1300	800	6pt	22.45 or 22.50	1.40 x 4.00 or 1.40 x 5.00
1400	850	6pt	22.35 or 22.40	1.40 x 4.00 or 1.40 x 5.00
1500	900	6pt	22.25 or 22.20	1.60 x 5.00 or 1.60 x 6.00

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