



C&T

CHANNEL


XTC

SYNTHETIC MATRIX

THE WORLD'S MOST
ADVANCED CREASING
MAKE-READY SYSTEM

www.channel-matrix.com

STANDARD MATRIX




0.3+	0.6	2/3
0.3+	0.8	2/3
0.3+	1.0	2/3
0.3+	1.1	2/3
0.3+	1.2	2/3
0.3+	1.3	2/3
0.3+	1.4	2/3
0.3+	1.5	2/3
0.3+	1.6	2/3
0.3+	1.7	2/3
0.3+	1.9	2/3

0.4+	0.6	2/3
0.4+	0.8	2/3
0.4+	1.0	2/3
0.4+	1.1	2/3
0.4+	1.2	2/3
0.4+	1.3	2/3
0.4+	1.4	2/3
0.4+	1.5	2/3
0.4+	1.6	2/3
0.4+	1.7	2/3
0.4+	1.9	2/3

0.45+	0.8	2/3
0.45+	1.0	2/3
0.45+	1.1	2/3
0.45+	1.2	2/3
0.45+	1.3	2/3
0.45+	1.4	2/3
0.45+	1.5	2/3
0.45+	1.6	2/3
0.45+	1.7	2/3
0.45+	1.9	2/3

0.5+	0.8	2/3
0.5+	1.0	2/3
0.5+	1.1	2/3
0.5+	1.2	2/3
0.5+	1.3	2/3
0.5+	1.4	2/3
0.5+	1.5	2/3
0.5+	1.6	2/3
0.5+	1.7	2/3
0.5+	1.9	2/3
0.5+	2.1	2/3
0.5+	2.3	2/3

0.55+	0.8	2/3
0.55+	1.0	2/3
0.55+	1.2	2/3
0.55+	1.3	2/3
0.55+	1.4	2/3
0.55+	1.5	2/3
0.55+	1.6	2/3
0.55+	1.7	2/3
0.55+	1.9	2/3
0.55+	2.1	2/3
0.55+	2.3	2/3



0.6+	1.0	2/3
0.6+	1.1	2/3
0.6+	1.2	2/3
0.6+	1.3	2/3
0.6+	1.4	2/3
0.6+	1.5	2/3
0.6+	1.6	2/3
0.6+	1.7	2/3
0.6+	1.9	2/3
0.6+	2.1	2/3
0.6+	2.3	2/3
0.6+	2.5	2/3
0.6+	2.7	2/3
0.6+	3.0	2/3
0.6+	3.2	3/4
0.6+	3.5	3/4
0.6+	4.0	3/4
0.6+	5.0	3/4
0.6+	6.0	3/4
0.6+	7.0	3/4
0.6+	8.0	3/4

0.65+	1.3	2/3
0.65+	1.4	2/3
0.65+	1.5	2/3
0.65+	1.6	2/3
0.65+	1.7	2/3
0.65+	1.9	2/3
0.65+	2.1	2/3
0.65+	2.3	2/3
0.65+	2.5	2/3
0.65+	2.7	2/3
0.65+	3.0	2/3
0.65+	3.2	3/4
0.65+	3.5	3/4
0.65+	4.0	3/4
0.65+	4.5	3/4
0.65+	5.0	3/4
0.65+	6.0	3/4
0.65+	7.0	3/4
0.65+	8.0	3/4

0.7+	1.3	2/3
0.7+	1.4	2/3
0.7+	1.5	2/3
0.7+	1.6	2/3
0.7+	1.7	2/3
0.7+	1.9	2/3
0.7+	2.1	2/3
0.7+	2.3	2/3
0.7+	2.5	2/3
0.7+	2.7	2/3
0.7+	3.0	2/3
0.7+	3.2	3/4
0.7+	3.5	3/4
0.7+	4.0	3/4
0.7+	4.5	3/4
0.7+	5.0	3/4
0.7+	6.0	3/4
0.7+	7.0	3/4
0.7+	8.0	3/4



0.8+	1.5	2/3
0.8+	1.6	2/3
0.8+	1.7	2/3
0.8+	1.9	2/3
0.8+	2.1	2/3
0.8+	2.3	2/3
0.8+	2.5	2/3
0.8+	2.7	2/3
0.8+	3.0	2/3
0.8+	3.2	3/4
0.8+	3.5	3/4
0.8+	4.0	3/4
0.8+	4.5	3/4
0.8+	5.0	3/4
0.8+	6.0	3/4
0.8+	7.0	3/4
0.8+	8.0	3/4


1.0+	2.3	2/3
1.0+	2.5	2/3
1.0+	2.7	2/3
1.0+	3.0	2/3
1.0+	3.2	3/4
1.0+	3.5	3/4
1.0+	4.0	3/4
1.0+	4.5	3/4
1.0+	5.0	3/4
1.0+	6.0	3/4
1.0+	7.0	3/4
1.0+	8.0	3/4

1.2+	3.0	3/4
1.2+	3.2	3/4
1.2+	3.5	3/4
1.2+	4.0	3/4
1.2+	4.5	3/4
1.2+	5.0	3/4
1.2+	6.0	3/4
1.2+	7.0	3/4
1.2+	8.0	3/4

1.4+	3.0	3/4
1.4+	3.2	3/4
1.4+	3.5	3/4
1.4+	4.0	4/6
1.4+	4.5	4/6
1.4+	5.0	4/6
1.4+	6.0	4/6
1.4+	7.0	4/6
1.4+	8.0	4/6

1.6+	3.0	3/4
1.6+	3.2	3/4
1.6+	3.5	3/4
1.6+	4.0	4/6
1.6+	4.5	4/6
1.6+	5.0	4/6
1.6+	6.0	4/6
1.6+	7.0	4/6
1.6+	8.0	4/6

U BEND




0.6	5.0	3
0.6	8.0	5

0.7	5.0	3
0.7	8.0	5

0.8	5.0	3
0.8	5.0	3.7
0.8	5.0	4
0.8	6.0	5
0.8	7.0	5

1.0	5.0	3
1.0	6.0	5
1.0	8.0	7

MULTICREASE



0.4+	1.0	3.0
0.4+	1.0	4.75
0.4+	1.2	4.0
0.4+	1.3	3.5
0.4+	1.3	4.0
0.4+	1.3	5.0
0.4+	1.3	6.35
0.4+	1.5	6.35

0.45+	1.3	3.5
0.45+	1.3	4.0
0.45+	1.3	5.0

0.5+	1.0	3.0
0.5+	1.0	4.75
0.5+	1.2	4.0
0.5+	1.3	3.5
0.5+	1.3	4.0
0.5+	1.3	5.0
0.5+	1.3	6.35
0.5+	1.5	6.35

XTC

SYNTHETIC MATRIX



INTERNAL CHAMFER

	0.3 +	1.3	2/3
	0.3 +	1.4	2/3
	0.3 +	1.5	2/3
	0.3 +	1.6	2/3
	0.3 +	1.7	2/3
	0.3 +	1.9	2/3

	0.4 +	1.3	2/3
	0.4 +	1.4	2/3
	0.4 +	1.5	2/3
	0.4 +	1.6	2/3
	0.4 +	1.7	2/3
	0.4 +	1.9	2/3

	0.45 +	1.3	2/3
	0.45 +	1.4	2/3
	0.45 +	1.5	2/3
	0.45 +	1.6	2/3
	0.45 +	1.7	2/3
	0.45 +	1.9	2/3

	0.5 +	1.3	2/3
	0.5 +	1.4	2/3
	0.5 +	1.5	2/3
	0.5 +	1.6	2/3
	0.5 +	1.7	2/3
	0.5 +	1.9	2/3
	0.5 +	2.1	2/3
	0.5 +	2.3	2/3

	0.55 +	1.3	2/3
	0.55 +	1.4	2/3
	0.55 +	1.5	2/3
	0.55 +	1.6	2/3
	0.55 +	1.7	2/3
	0.55 +	1.9	2/3
	0.55 +	2.1	2/3
	0.55 +	2.3	2/3

	0.6 +	1.3	2/3
	0.6 +	1.4	2/3
	0.6 +	1.5	2/3
	0.6 +	1.6	2/3
	0.6 +	1.7	2/3
	0.6 +	1.9	2/3
	0.6 +	2.1	2/3
	0.6 +	2.3	2/3
	0.6 +	2.5	2/3
	0.6 +	2.7	2/3
	0.6 +	3.0	2/3
	0.6 +	3.2	3/4
	0.6 +	3.5	3/4
	0.6 +	4.0	3/4
	0.6 +	5.0	3/4
	0.6 +	6.0	3/4
	0.6 +	7.0	3/4
	0.6 +	8.0	3/4

	0.65 +	1.3	2/3
	0.65 +	1.4	2/3
	0.65 +	1.5	2/3
	0.65 +	1.6	2/3
	0.65 +	1.7	2/3
	0.65 +	1.9	2/3
	0.65 +	2.1	2/3
	0.65 +	2.3	2/3
	0.65 +	2.5	2/3
	0.65 +	2.7	2/3
	0.65 +	3.0	2/3
	0.65 +	3.2	3/4
	0.65 +	3.5	3/4
	0.65 +	4.0	3/4
	0.65 +	4.5	3/4
	0.65 +	5.0	3/4
	0.65 +	6.0	3/4
	0.65 +	7.0	3/4
	0.65 +	8.0	3/4

	0.65 +	1.3	2/3
	0.65 +	1.4	2/3
	0.65 +	1.5	2/3
	0.65 +	1.6	2/3
	0.65 +	1.7	2/3
	0.65 +	1.9	2/3
	0.65 +	2.1	2/3
	0.65 +	2.3	2/3
	0.65 +	2.5	2/3
	0.65 +	2.7	2/3
	0.65 +	3.0	2/3
	0.65 +	3.2	3/4
	0.65 +	3.5	3/4
	0.65 +	4.0	3/4
	0.65 +	4.5	3/4
	0.65 +	5.0	3/4
	0.65 +	6.0	3/4
	0.65 +	7.0	3/4
	0.65 +	8.0	3/4

	0.7 +	1.3	2/3
	0.7 +	1.4	2/3
	0.7 +	1.5	2/3
	0.7 +	1.6	2/3
	0.7 +	1.7	2/3
	0.7 +	1.9	2/3
	0.7 +	2.1	2/3
	0.7 +	2.3	2/3
	0.7 +	2.5	2/3
	0.7 +	2.7	2/3
	0.7 +	3.0	2/3
	0.7 +	3.2	3/4
	0.7 +	3.5	3/4
	0.7 +	4.0	3/4
	0.7 +	4.5	3/4
	0.7 +	5.0	3/4
	0.7 +	6.0	3/4
	0.7 +	7.0	3/4
	0.7 +	8.0	3/4

	0.8 +	1.5	2/3
	0.8 +	1.6	2/3
	0.8 +	1.7	2/3
	0.8 +	1.9	2/3
	0.8 +	2.1	2/3
	0.8 +	2.3	2/3
	0.8 +	2.5	2/3
	0.8 +	2.7	2/3
	0.8 +	3.0	2/3
	0.8 +	3.2	3/4
	0.8 +	3.5	3/4
	0.8 +	4.0	3/4
	0.8 +	4.5	3/4
	0.8 +	5.0	3/4
	0.8 +	6.0	3/4
	0.8 +	7.0	3/4
	0.8 +	8.0	3/4

	1.0 +	2.3	2/3
	1.0 +	2.5	2/3
	1.0 +	2.7	2/3
	1.0 +	3.0	2/3
	1.0 +	3.2	3/4
	1.0 +	3.5	3/4
	1.0 +	4.0	3/4
	1.0 +	4.5	3/4
	1.0 +	5.0	3/4
	1.0 +	6.0	3/4
	1.0 +	7.0	3/4
	1.0 +	8.0	3/4

	1.2 +	3.0	3/4
	1.2 +	3.2	3/4
	1.2 +	3.5	3/4
	1.2 +	4.0	3/4
	1.2 +	4.5	3/4
	1.2 +	5.0	3/4
	1.2 +	6.0	3/4
	1.2 +	7.0	3/4
	1.2 +	8.0	3/4

	1.4 +	3.0	3/4
	1.4 +	3.2	3/4
	1.4 +	3.5	3/4
	1.4 +	4.0	4/6
	1.4 +	4.5	4/6
	1.4 +	5.0	4/6
	1.4 +	6.0	4/6
	1.4 +	7.0	4/6
	1.4 +	8.0	4/6

	1.6 +	3.0	3/4
	1.6 +	3.2	3/4
	1.6 +	3.5	3/4
	1.6 +	4.0	4/6
	1.6 +	4.5	4/6
	1.6 +	5.0	4/6
	1.6 +	6.0	4/6
	1.6 +	7.0	4/6
	1.6 +	8.0	4/6

KEY

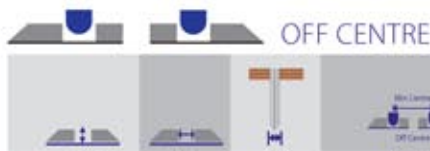
- + < 8.75mm base / 24 m per box
- ◆ < 12mm base / 18 m per box
- ★ < 15mm base / 15 m per box

XTC

SYNTHETIC MATRIX

All sizes stated come in as standard on a 8.75mm base. However, for channel widths of 3.2mm – 3.5mm we manufacture on a 12mm base, and for channel widths of 4.0mm and above we manufacture on a 15mm base.

OFF CENTRE



Base	Ball	Height	Length	Code
0.3 ●	0.6	2/3	4 mm	
0.3 ●	0.8	2/3	4 mm	
0.3 ●	1.0	2/3	4 mm	
0.3 ●	1.1	2/3	4 mm	
0.3 ●	1.2	2/3	4 mm	
0.3 ●	1.3	2/3	4 mm	
0.3 ●	1.4	2/3	4 mm	
0.3 ●	1.5	2/3	4 mm	
0.3 ●	1.6	2/3	5 mm	
0.3 ●	1.7	2/3	5 mm	
0.3 ●	1.9	2/3	5 mm	

0.4 ●	0.6	2/3	4 mm	
0.4 ●	0.8	2/3	4 mm	
0.4 ●	1.0	2/3	4 mm	
0.4 ●	1.1	2/3	4 mm	
0.4 ●	1.2	2/3	4 mm	
0.4 ●	1.3	2/3	4 mm	
0.4 ●	1.4	2/3	4 mm	
0.4 ●	1.5	2/3	4 mm	
0.4 ●	1.6	2/3	5 mm	
0.4 ●	1.7	2/3	5 mm	
0.4 ●	1.9	2/3	5 mm	

0.45 ●	0.8	2/3	4 mm	
0.45 ●	1.0	2/3	4 mm	
0.45 ●	1.1	2/3	4 mm	
0.45 ●	1.2	2/3	4 mm	
0.45 ●	1.3	2/3	4 mm	
0.45 ●	1.4	2/3	4 mm	
0.45 ●	1.5	2/3	4 mm	
0.45 ●	1.6	2/3	5 mm	
0.45 ●	1.7	2/3	5 mm	
0.45 ●	1.9	2/3	5 mm	

0.5 ●	0.8	2/3	4 mm	
0.5 ●	1.0	2/3	4 mm	
0.5 ●	1.1	2/3	4 mm	
0.5 ●	1.2	2/3	4 mm	
0.5 ●	1.3	2/3	4 mm	
0.5 ●	1.4	2/3	4 mm	
0.5 ●	1.5	2/3	4 mm	
0.5 ●	1.6	2/3	5 mm	
0.5 ●	1.7	2/3	5 mm	
0.5 ●	1.9	2/3	5 mm	
0.5 ●	2.1	2/3	5 mm	
0.5 ●	2.3	2/3	5 mm	

0.55 ●	1.2	2/3	4 mm	
0.55 ●	1.3	2/3	4 mm	
0.55 ●	1.4	2/3	4 mm	
0.55 ●	1.5	2/3	4 mm	
0.55 ●	1.6	2/3	5 mm	
0.55 ●	1.7	2/3	5 mm	
0.55 ●	1.9	2/3	5 mm	
0.55 ●	2.1	2/3	5 mm	
0.55 ●	2.3	2/3	5 mm	

0.5 ●	0.8	2/3	4 mm	
0.6 ●	1.1	2/3	4 mm	
0.6 ●	1.2	2/3	4 mm	
0.6 ●	1.3	2/3	4 mm	
0.6 ●	1.4	2/3	4 mm	
0.6 ●	1.5	2/3	4 mm	
0.6 ●	1.6	2/3	5 mm	
0.6 ●	1.7	2/3	5 mm	
0.6 ●	1.9	2/3	5 mm	

0.6 ●	2.1	2/3	5 mm	
0.6 ●	2.3	2/3	5 mm	
0.6 ●	2.5	2/3	5 mm	
0.6 ●	2.7	2/3	6 mm	
0.6 ●	3.0	2/3	6 mm	

0.65 ●	1.3	2/3	4 mm	
0.65 ●	1.4	2/3	4 mm	
0.65 ●	1.5	2/3	4 mm	
0.65 ●	1.6	2/3	5 mm	
0.65 ●	1.7	2/3	5 mm	
0.65 ●	1.9	2/3	5 mm	
0.65 ●	2.1	2/3	5 mm	
0.65 ●	2.3	2/3	5 mm	
0.65 ●	2.5	2/3	5 mm	
0.65 ●	2.7	2/3	6 mm	
0.65 ●	3.0	2/3	6 mm	

0.7 ●	1.3	2/3	4 mm	
0.7 ●	1.4	2/3	4 mm	
0.7 ●	1.5	2/3	4 mm	
0.7 ●	1.6	2/3	5 mm	
0.7 ●	1.7	2/3	5 mm	
0.7 ●	1.9	2/3	5 mm	
0.7 ●	2.1	2/3	5 mm	
0.7 ●	2.3	2/3	5 mm	
0.7 ●	2.5	2/3	5 mm	
0.7 ●	2.7	2/3	6 mm	
0.7 ●	3.0	2/3	6 mm	

0.8 ●	1.5	2/3	4 mm	
0.8 ●	1.6	2/3	5 mm	
0.8 ●	1.7	2/3	5 mm	
0.8 ●	1.9	2/3	5 mm	
0.8 ●	2.1	2/3	5 mm	
0.8 ●	2.3	2/3	5 mm	
0.8 ●	2.5	2/3	5 mm	
0.8 ●	2.7	2/3	6 mm	
0.8 ●	3.0	2/3	6 mm	

1.0 ●	2.3	2/3	5 mm	
1.0 ●	2.5	2/3	5 mm	
1.0 ●	2.7	2/3	6 mm	
1.0 ●	3.0	2/3	6 mm	
1.0 ▲	3.5	3/4	6 mm	
1.0 ▲	4.0	3/4	7 mm	
1.0 ▲	5.0	3/4	8 mm	
1.0 ▲	6.0	3/4	9 mm	

1.2 ▲	3.2	3/4	6 mm	
1.2 ▲	3.5	3/4	6 mm	
1.2 ■	4.0	3/4	7 mm	
1.2 ■	4.5	3/4	7 mm	
1.2 ■	6.0	3/4	9 mm	
1.2 ■	8.0	3/4	11 mm	


1.4 ▲	3.0	3/4	6 mm	
1.4 ■	5.0	4/6	8 mm	

1.6 ■	4.0	4/6	7 mm	
1.6 ■	5.0	4/6	8 mm	

KEY

- < 3.0mm base / 24 m per box
- ▲ < 3.2-3.5mm base / 18 m per box
- < 4.0mm base / 15 m per box

MICRO



Base	Ball	(mic)	(0.0017)	CODE
0.3	0.50	50-100	2-4	XCN 0305
0.3	0.60	50-100	2-4	XCN 0306
0.3	0.80	50-150	2-6	XCN 0308
0.3	1.00	100-200	4-8	XCN 0312
0.3	1.20	190-230	7-9	XCN 0313
0.3	1.30	300-350	12-14	XCN 0314
0.3	1.40	320-420	13-17	XCN 0315
0.3	1.50	355-430	14-17	XCN 0405
0.4	0.50	50-100	2-4	XCN 0406
0.4	0.60	50-100	2-4	XCN 0408
0.4	0.80	50-150	2-6	XCN 0410
0.4	1.00	100-200	4-8	XCN 0411
0.4	1.20	150-240	6-9	XCN 0412
0.4	1.30	320-400	13-16	XCN 0413
0.4	1.40	330-420	13-17	XCN 0414
0.4	1.50	370-440	14-17	XCN 0415
0.4	1.60	440-500	17-20	XCN 0416
0.4	1.70	420-540	19-21	XCN 0417
0.45	0.50	50-100	2-4	XCN 04505
0.45	0.80	50-150	2-6	XCN 04508
0.45	1.20	225-310	9-12	XCN 04512
0.45	1.40	350-420	14-17	XCN 04514
0.45	1.50	375-450	15-18	XCN 04515
0.5	0.80	50-150	2-6	XCN 0508
0.5	1.00	170-220	7-9	XCN 0510
0.5	1.20	285-330	11-13	XCN 0512
0.5	1.30	340-420	13-17	XCN 0513
0.5	1.40	350-420	14-17	XCN 0514
0.5	1.50	440-500	17-20	XCN 0515
0.5	1.60	490-520	19-20	XCN 0516
0.5	1.70	500-550	20-22	XCN 0517
0.55	1.30	340-450	13-18	XCN 05513
0.55	1.40	350-420	14-17	XCN 05514
0.55	1.50	450-510	18-20	XCN 05515
0.55	1.60	490-520	19-20	XCN 05516
0.55	1.70	510-570	20-23	XCN 05517
0.6	1.50	460-520	18-20	XCN 0615
0.6	1.60	490-530	19-21	XCN 0616
0.6	1.70	525-600	21-24	XCN 0617
0.6	1.90	600-655	23-25	XCN 0619

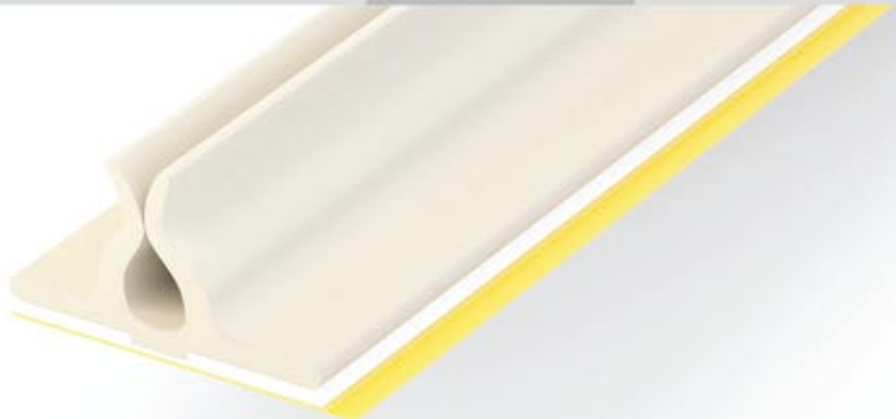
MATRIX SELECTOR

Based on 23.80mm cutting rule & thin film base matrix

BOARD THICKNESS/WEIGHT		CREASING RULE	
MICRON	WIDTH TO BE USED	HEIGHT mm	MATRIX mm
150	2PT	23.50-23.45	0.3 x 0.6 - 0.3 x 0.8
200	2PT	23.45-23.40	0.3 x 1.0 - 0.3 x 1.1
250	2PT	23.40-23.35	0.3 x 1.1 - 0.3 x 1.2
300	2PT	23.35-23.30	0.3 x 1.2 - 0.3 x 1.3
350	2PT	23.30-23.25	0.3 x 1.2 - 0.3 x 1.3
400	2PT	23.25-23.20	0.4 x 1.3 - 0.4 x 1.4
450	2PT	23.20-23.25	0.4 x 1.4 - 0.4 x 1.5
500	2PT	23.15-23.10	0.5 x 1.5 - 0.5 x 1.6
550	2PT	23.10-23.05	0.5 x 1.5 - 0.5 x 1.7
550	3PT	23.10-23.05	0.5 x 1.9 - 0.5 x 2.1
600	2PT	23.05-23.00	0.6 x 1.7 - 0.6 x 2.1
600	3PT	23.05-23.00	0.6 x 2.1 - 0.6 x 2.3
650	2PT	23.00-22.95	0.6 x 1.7 - 0.6 x 1.9
650	3PT	23.00-22.95	0.6 x 1.9 - 0.6 x 2.1
700	2PT	22.95-22.90	0.7 x 1.9 - 0.7 x 2.1
700	3PT	22.95-22.90	0.7 x 2.1 - 0.7 x 2.3
750	2PT	22.90-22.85	0.7 x 1.9 - 0.7 x 2.3
750	3PT	22.90-22.85	0.7 x 2.3 - 0.7 x 2.5
750	4PT	22.90-22.85	0.7 x 2.5 - 0.7 x 2.7
800	2PT	22.85-22.80	0.8 x 2.1 - 0.8 x 2.3
800	3PT	22.85-22.80	0.8 x 2.5 - 0.8 x 2.7
800	4PT	22.85-22.80	0.8 x 2.7 - 0.8 x 3.0
900	2PT	22.75-22.70	0.8 x 2.1 - 0.8 x 2.5
900	3PT	22.75-22.70	0.8 x 2.5 - 0.8 x 2.7
900	4PT	22.75-22.71	0.8 x 3.0 - 0.8 x 3.2
1000	2PT	22.65-22.60	1.0 x 2.5 - 1.0 x 2.7
1000	3PT	22.65-22.60	1.0 x 2.7 - 1.0 x 3.0
1000	4PT	22.65-22.60	1.0 x 3.2 - 1.0 x 3.5
1100	2PT	22.55-22.50	1.0 x 3.0 - 1.0 x 3.5
1100	3PT	22.55-22.50	1.0 x 3.2 - 1.0 x 3.5
1100	4PT	22.55-22.50	1.0 x 3.5 - 1.0 x 4.0
1200	2PT	22.45-22.40	1.2 x 3.2 - 1.2 x 3.2
1200	3PT	22.45-22.40	1.2 x 3.5 - 1.2 x 4.0
1200	4PT	22.55-22.40	1.2 x 4.0 - 1.2 x 4.5
1200	6PT	22.45-22.40	1.2 x 4.5 - 1.2 x 5.0
1300	2PT	22.35-22.30	1.2 x 3.5 - 1.2 x 4.0
1300	3PT	22.35-22.30	1.2 x 4.0 - 1.2 x 4.5
1300	4PT	22.35-22.30	1.2 x 4.0 - 1.2 x 5.0
1300	6PT	22.35-22.30	1.2 x 4.5 - 1.2 x 5.0
1400	2PT	22.25-22.20	1.4 x 3.5 - 1.4 x 4.0
1400	3PT	22.25-22.20	1.4 x 4.0 - 1.4 x 4.5
1400	4PT	22.25-22.20	1.4 x 4.5 - 1.4 x 5.0
1400	6PT	22.25-22.20	1.4 x 5.0 - 1.4 x 6.0
1500	2PT	22.15-22.10	1.4 x 4.0 - 1.4 x 4.5
1500	3PT	22.15-22.10	1.4 x 4.5 - 1.4 x 5.0
1500	4PT	22.15-22.10	1.4 x 5.0 - 1.4 x 6.0
1500	6PT	22.15-22.10	1.4 x 5.0 - 1.4 x 6.0

XTC

SYNTHETIC MATRIX



XTC SYNTHETIC MATRIX

YOUR SIMPLE GUIDE TO CHOOSING YOUR MATRIX

BASED ON 23.80mm CUTTING RULE HEIGHT
& 0.1mm THIN FILM BASE MATRIX

Measure your board thickness

$$D = \text{[] mm}$$

(100µm = 0.1mm)



Work out your Creasing Rule height

$$B = 23.80 - \text{[]} - 0.1$$

$$B = \text{[] mm}$$



The height of the Matrix is equal to the depth of the board

$$\text{Height} = \text{[] mm}$$



Calculate the channel width using a 0.7mm, 2pt rule

$$1.5 \times \text{[]} + 0.7$$

$$= \text{[] mm}$$

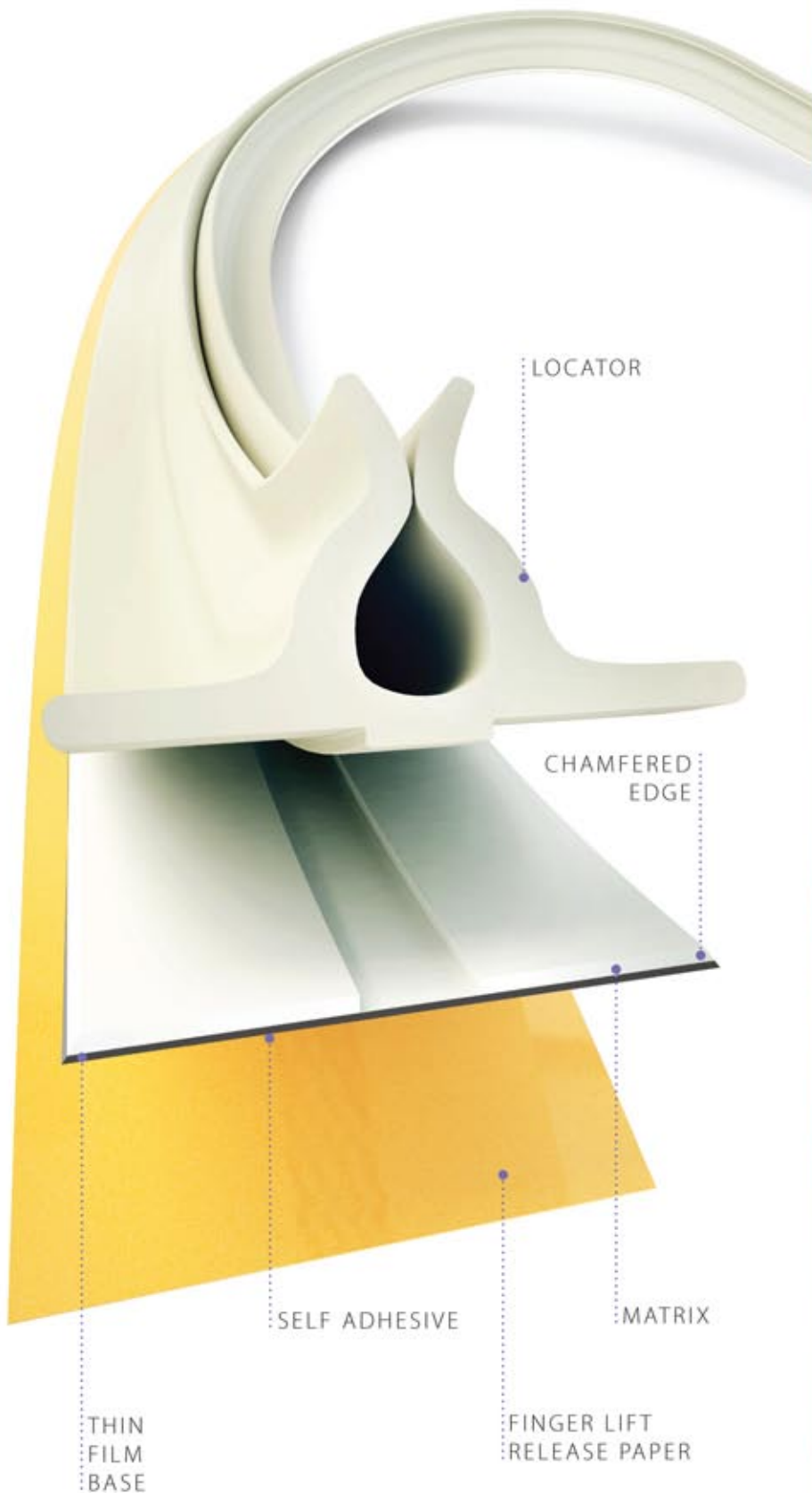
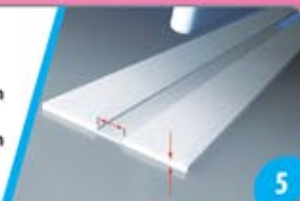


for < 600 microns x 1.5
for > 600 microns x 2.0

My matrix size is:

$$\text{Height} = \text{[] mm}$$

$$\text{Width} = \text{[] mm}$$



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Tel. 01274 545115 - Fax. 01274 545113
Email. info@normanhaynes.co.uk
www.normanhaynes.co.uk



Manufactured under a quality system certified as complying with ISO 9001 by an accredited certification body.

01/10

MAK156/06/11

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