



TPU BELTS

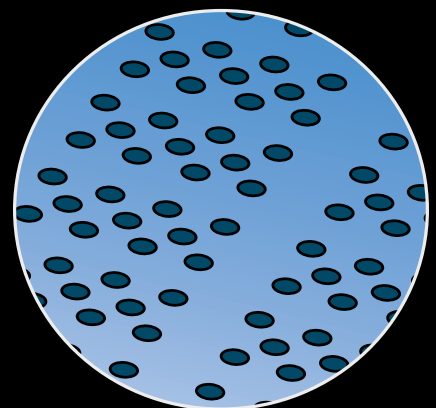
THERMOPLASTIC POLYURETHANE



P20 DEWATERING BELT

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The PC20 Dewatering belt is used in common produce processing applications such as fruits and vegetables.

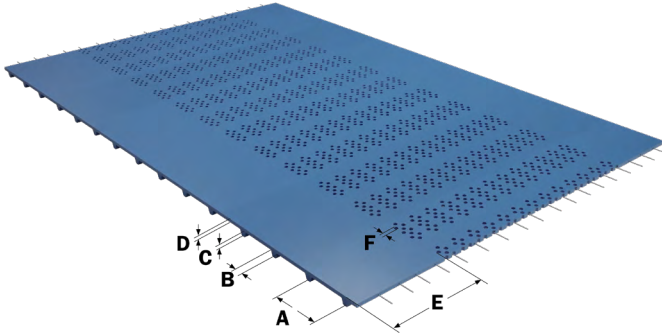
- Embedded Kevlar™ cord prevents belt stretch
- Longer life than belting
- USDA approved and EU compliant



Custom machining is used to create the perforated dewatering belt to facilitate rapid water drainage.

TWO BELT CONSTRUCTIONS FOR BELT INTEGRITY

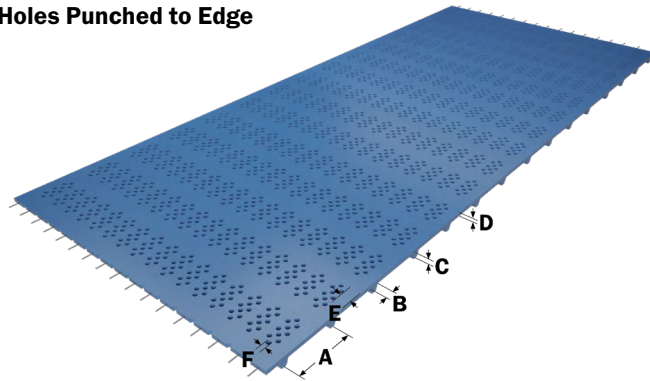
2.5" Solid Edge Border



DIMENSIONS	MM	INCH
A - Distance between teeth	50	1970
B - Tooth width	7.6	0.301
C - Tooth height	5.7	0.226
D - Web thickness	3.3	0.128
E - Distance to Border	66.7	2.625
F - Hole Diameter	4.8	0.188

FOR MAXIMUM DRAINAGE

Holes Punched to Edge



DIMENSIONS	MM	INCH
A - Distance between teeth	50	1970
B - Tooth width	7.6	0.301
C - Tooth height	5.7	0.226
D - Web thickness	3.3	0.128
E - Distance to Border	17.5	0.688
F - Hole Diameter	4.8	0.188

P20 DEWATERING BELT SPECIFICATIONS

SPECIFICATIONS	STANDARD	
	METRIC	IMPERIAL
Designator	KV-FDA	
Cords per cm/in widths	4	1
Pitch:	50mm	1.97"
Hardness - Shore A:	95	
Surface Textures:	Smooth	
Specific belt weight kg/m ²	5.2	
Specific belt weight lbs/in	0.089	
Specific belt stiffness N/mm	648	
Specific belt stiffness lbs/in	3700	
Min. Sprocket Dia. Service Temp above -4°C/25°F	95.5mm	3.76"
Min. Sprocket Dia. Service Temp below -4°C/25°F	159.3mm	6.27"
Min. Back Bend Dia. above -4°C / 25°F	152.4mm	6"
Min. Back Bend Dia. below -4°C / 25°F	254mm	10"
Service Temperature Range °C	-18° to 71°C	
Service Temperature Range °F	+0° to 160°F	
Ultimate Belt Strength (N/mm)	23	
Ultimate Belt Strength (lbs/inch)	132	
Min width	125mm	5"
Color	PosiBlue	

P20 DEWATERING BELT SPECIFICATIONS (CONTINUED)

SPECIFICATIONS	STANDARD	
	METRIC	IMPERIAL
FASTENING OPTIONS		
Max. Allowable Tension (1)	N/cm	lbs/inch
Butt Weld (Split Tooth)	70	40
PosiLace™	46	26
Flexco® UX1SS Clipper® Wire Hooks	54	31
Flexco APF150 Alligator® Plastic Rivet	44	25
Flexco APF100 Alligator Plastic Rivet	N/A	N/A
Flexco RS125 Alligator Ready Set™ Staple	46	26
Flexco RS62 Alligator Ready Set Staple	N/A	N/A

(1) Max allowable set as the lower of 25% yield strength or 2% stretch of weld or splice

STANDARD WIDTHS	cm	45.7	61.0	76.2	81.3	91.4
	inch	18	24	30	32	36
Standard		N/A	x	x	x	x

SPECIFICATION	WITH BORDERS		STANDARD	
	cm	in	cm	in
Widths Available	35 to 45 & 81 to 91	14" to 18" & 32" to 36"	1,25 to 91	5" to 36"

POSCLEAN PC20 SPROCKET SPECIFICATIONS

SPECIFICATIONS	BELT TYPE	PC20				
	NO OF TEETH	6	8	10	12	16
Nom. Outside Diameter	mm	94	126	158	189	253
	inch	3.7	4.9	6.2	7.5	10
Nominal width	mm	32				
	inch	1.3				
Available bore size	metric square	40	40	40	40	40
	metric round	30	30	30	30	30
	metric square	1.5	1.5	1.5	1.5	1.5
	metric round	1	1	1	1	1
Material		UHMW-PE				
Weight	g	145	308	500	770	1406
	lbs	0.32	0.68	1.10	1.70	3.10
Color						
Hardness - Shore A						

* Imperial keyway sizes on round bores conform to ANSI standard B17.1 - 1967 (R1989); metric keyway sizes conform to BS 4235: Part 1: 1972 (1986)

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