



TIVAR® [UHMW-PE]

Ultra High Molecular Weight Polyethylene [UHMW-PE]

TIVAR® ECO green

PLATES						
Thicknesses	Tolerances on the thicknesses	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses	Standard size per piece: [1220 x 3000 mm ^[1]]	
[mm]	[mm]	skived [kg/pce ^[2]]		[mm]	skived [kg/pce ^[2]]	
1	-0,0 +0,4	-	-	-	-	-
2		3,90	□	-0,0 +0,4	7,79	□
3		5,80	□		10,60	□
4	-0,2 +0,2	7,70	□	-0,2 +0,2	14,20	□
5		9,70	□		17,70	□
6	-0,3 +0,3	11,60	□	-0,3 +0,3	21,20	□
Thicknesses	Tolerances on the thicknesses	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses	Standard size per piece: [1220 x 3050 mm ^[1]]	
[mm]	[mm]	pressed [kg/pce ^[2]]		[mm]	pressed [kg/pce ^[2]]	
8		16,10	■		29,90	■
10		20,10	■		37,20	■
12		24,20	■		44,50	■
15		30,20	■		55,40	■
20		40,30	■		73,70	■
25		50,40	■		91,90	■
30	-0,2 +0,2	60,40	■	-0,0 +0,4	110,10	■
35		70,50	□		128,40	□
40		80,60	■		146,60	■
45		90,66	□		164,80	□
50		100,70	■		183,10	■
60		120,90	■		219,60	■
70		141,00	□		256,00	□
80		161,20	■		292,90	■
90		181,32	□		329,30	□
100		201,50	□		365,80	□
110		221,61	□		402,27	□
120	-0,3 +0,3	241,76	□	-0,0 +0,6	438,74	O.R.
130		261,91	□		475,20	O.R.
140		282,05	□		511,70	O.R.
150		302,20	□		548,20	O.R.

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020 / 1220 x 3050		-0,0

+30,0 -0,0 +60,0

^[2]: average production weight

- : **standard** item [generally available from stock; bulk quantities to be manufactured to order]
- : **semi-standard** item [generally not available from stock, minimum order quantity 1 piece]
- : **non-standard** item [generally not available from stock, manufactured to order and subject to special conditions; improved availability possible upon customer planning]

O.R.: available on request: please check for lead-time and minimum quantity

Please note that this material is also available in further dimensions and thicknesses.

Please consult us concerning production capabilities and minimum order quantities.

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Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]]	
		pressed [kg/pce ^[2]]			pressed [kg/pce ^[2]]	
8	-0,0 +0,4	19,90	□	-0,0 +0,4	98,88	O.R.
10		24,80	□		122,99	O.R.
12		29,60	□		147,11	O.R.
15		36,90	□		183,28	O.R.
20		49,00	□		243,57	O.R.
25		61,20	□		303,87	O.R.
30		73,30	□		364,16	O.R.
35		85,40	□		424,45	O.R.
40		97,60	□		484,74	O.R.
45		109,70	□		546,20	O.R.
50		121,90	□		606,50	O.R.
60		146,10	□		727,10	O.R.
70		170,40	□		847,70	O.R.
80		194,90	□		968,30	O.R.
90	219,20	□	1088,90	O.R.		
100	243,50	□	1209,40	O.R.		
110	-0,0 +0,6	267,75	□	-	-	
120		292,02	O.R.	-	-	
130		-	-	-	-	
140		-	-	-	-	
150		-	-	-	-	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1220 x 2020 / 2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

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TIVAR® ECO black antistatic

PLATES						
Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm ^[1]]	
		skived [kg/pce ^[2]]			skived [kg/pce ^[2]]	
1	-0,0 +0,4	-	-	-	-	-
2		3,90	□	-0,0 +0,4	7,87	□
3		5,90	■		10,70	□
4	-0,2 +0,2	7,80	□	-0,2 +0,2	14,30	□
5		9,80	□		17,90	□
6	-0,3 +0,3	11,70	□	-0,3 +0,3	21,50	□

Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm ^[1]]	
		pressed [kg/pce ^[2]]			pressed [kg/pce ^[2]]	
8		16,30	■		30,20	■
10		20,40	■		37,60	■
12		24,40	■		45,00	■
15		30,50	■		56,00	■
20		40,70	■		74,50	■
25		50,90	■		92,90	■
30	-0,2 +0,2	61,10	■	-0,0 +0,4	111,30	■
35		71,26	□		129,70	□
40		81,40	■		148,20	■
45		91,63	□		166,60	□
50		101,80	■		185,00	■
60		122,20	■		221,90	■
70		142,50	□		258,70	□
80		162,90	■		296,00	■
90		183,25	□		332,84	□
100		203,60	□		369,69	□
110		223,97	□		406,55	□
120	-0,3 +0,3	244,33	□	-0,0 +0,6	443,41	O.R.
130		264,69	□		480,30	O.R.
140		285,06	□		517,10	O.R.
150		305,42	□		554,00	O.R.
160		314,60	O.R.		590,80	O.R.

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1000 x 2000	-0,0 +10,0	-0,0 +10,0
1220 x 3000	-0,0 +10,0	-0,0 +30,0
1010 x 2020/1220 x 3050	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

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Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 2020 mm ^[1]]		Tolerances on the thicknesses [mm]	Standard size per piece: [2020 x 6150 mm ^[1]]	
		pressed [kg/pce ^[2]]			pressed [kg/pce ^[2]]	
8	-0,0 +0,4	20,10	□	-0,0 +0,4	99,93	O.R.
10		25,00	□		124,30	O.R.
12		29,90	□		148,67	O.R.
15		37,30	□		186,50	O.R.
20		49,60	□		246,17	O.R.
25		61,80	□		307,10	O.R.
30		74,10	□		368,03	O.R.
35		86,40	□		428,96	O.R.
40		98,60	□		489,89	O.R.
45		110,90	□		552,00	O.R.
50		123,20	□		613,00	O.R.
60		147,70	□		734,80	O.R.
70		172,22	□		856,70	O.R.
80		197,00	□		978,60	O.R.
90	221,50	□	1 100,40	O.R.		
100	246,10	□	1 222,30	O.R.		
110	270,60	□	–	–		
120	-0,0 +0,6	295,13	O.R.	–	–	
130		319,70	O.R.	–	–	
140		344,20	O.R.	–	–	
150		368,70	O.R.	–	–	
160		393,30	O.R.	–	–	

^[1]: tolerances on widths and lengths [mm]:

plate size	width	length
1220 x 2020 / 2020 x 6150	-0,0 +30,0	-0,0 +60,0

^[2]: average production weight

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