



# TIVAR® [UHMW-PE]

ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE [UHMW-PE]

TIVAR® ECO green

## PLATES

Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1000 x 2000 mm <sup>[1]</sup> ]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3000 mm <sup>[1]</sup> ]	
		skived [kg/pce <sup>[2]</sup> ]			skived [kg/pce <sup>[2]</sup> ]	
1	-0,0 +0,4	-	-	-	-	-
2	-0,2 +0,2	3,86	□	-0,0 +0,4	7,79	□
3		5,80	□	-0,2 +0,2	10,62	□
4		7,73	□		14,16	□
5	-0,3 +0,3	9,66	□	-0,3 +0,3	17,71	□
6		11,59	□		21,25	□

  

Thicknesses [mm]	Tolerances on the thicknesses [mm]	Standard size per piece: [1010 x 2020 mm <sup>[1]</sup> ]		Tolerances on the thicknesses [mm]	Standard size per piece: [1220 x 3050 mm <sup>[1]</sup> ]	
		pressed [kg/pce <sup>[2]</sup> ]			pressed [kg/pce <sup>[2]</sup> ]	
8	-0,2 +0,2	16,10	□	-0,0 +0,4	29,90	□
10		<b>20,10</b>	■		<b>37,20</b>	■
12		24,20	■		<b>44,50</b>	■
15		<b>30,20</b>	■		<b>55,40</b>	■
20		<b>40,30</b>	■		<b>73,70</b>	■
25		<b>50,40</b>	■		<b>91,90</b>	■
30		<b>60,40</b>	■		<b>110,10</b>	■
35		70,51	□		128,40	□
40		<b>80,60</b>	■		<b>146,60</b>	■
45		90,66	□		164,85	□
50	-0,3 +0,3	100,70	■	-0,0 +0,6	183,10	■
60		<b>120,88</b>	■		<b>219,60</b>	■
70		141,03	□		256,03	□
80		161,17	■		292,86	■
90		181,32	□		329,33	□
100		201,47	□		365,80	□
110		221,61	□		402,27	□
120		241,76	□		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.		

<sup>[1]</sup>: 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

<sup>[2]</sup>: 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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PLATES						
Thicknesses	Tolerances on the thicknesses	Standard size per piece: [1220 x 2020 mm <sup>[1]</sup> ]		Tolerances on the thicknesses	Standard size per piece: [2020 x 6150 mm <sup>[1]</sup> ]	
[mm]	[mm]	pressed [kg/pce <sup>[2]</sup> ]		[mm]	pressed [kg/pce <sup>[2]</sup> ]	
8	-0,0 +0,4	19,91	□	-0,0 +0,4	98,88	O.R.
10		24,76	□		122,99	O.R.
12		29,61	□		147,11	O.R.
15		36,90	□		183,28	O.R.
20		49,03	□		243,57	O.R.
25		61,17	□		303,87	O.R.
30		73,31	□		364,16	O.R.
35		85,45	□		424,45	O.R.
40		97,58	□		484,74	O.R.
45		109,72	□		546,20	O.R.
50		121,86	□		606,50	O.R.
60		146,13	□		727,10	O.R.
70		170,41	□		847,70	O.R.
80		194,92	□		968,30	O.R.
90	219,20	□	1 088,90	O.R.		
100	243,47	□	1 209,40	O.R.		
110	-0,0 +0,6	267,75	□	-	-	
120		292,02	O.R.	-	-	
130		-	-	-	-	
140		-	-	-	-	
150		-	-	-	-	

<sup>[1]</sup>: tolerances on widths and lengths [mm]:

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

<sup>[2]</sup>: average production weight

- : **standard** item [generally available from stock; bulk quantities to be manufactured to order]
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