

PE 500 [HMW-PE]

High Molecular Weight Polyethylene [HMW-PE]

PE 500 natural

PE 500 CM+, natural

PLATES

Thicknesses [mm]	Tolerances on the thicknesses [mm]	PE 500 natural							
		Standard sizes per piece:							
		[1010 x 2020 mm ^[1] pressed [kg/pce ^[2]]		[1220 x 2020 mm ^[1] pressed [kg/pce ^[2]]		[1220 x 3050 mm ^[1] pressed [kg/pce ^[2]]		[2020 x 6150 mm ^[1] pressed [kg/pce ^[2]]	
8	-0,3 +0,3	16,50	□	20,30	□	30,50	■	100,98	O.R.
10		20,60	■	25,30	□	38,00	■	125,61	O.R.
12		24,70	■	30,20	□	45,40	■	150,24	O.R.
15		30,90	■	37,70	□	56,60	■	187,18	O.R.
20		41,20	■	50,10	□	75,20	■	248,76	O.R.
25		51,40	■	62,50	□	93,90	▣	310,33	O.R.
30	-0,0 +0,4 ^[3]	61,70	■	74,90	□	112,50	■	371,90	O.R.
35		72,01	□	87,30	□	131,10	□	433,48	O.R.
40		82,30	■	99,70	□	149,70	■	495,05	O.R.
45		92,59	□	112,10	□	168,40	□	557,90	O.R.
50		102,90	■	124,50	□	187,00	■	619,40	O.R.
60		123,50	■	149,20	□	224,20	■	742,60	O.R.
70		144,00	▣	174,00	□	261,50	□	865,70	O.R.
80		164,60	■	199,10	□	299,10	▣	988,90	O.R.
90		185,20	□	223,90	□	336,30	□	1 112,00	O.R.
100		205,80	■	248,70	□	373,60	■	1 235,20	O.R.
110		226,33	□	273,40	O.R.	410,83	O.R.	-	-
120	-0,0 +0,6 ^[3]	246,91	□	298,20	O.R.	448,10	O.R.	-	-
130		267,48	□	323,00	O.R.	485,30	O.R.	-	-
140		288,06	□	347,80	O.R.	522,60	O.R.	-	-
150		308,60	O.R.	372,60	O.R.	559,80	O.R.	-	-
160		329,20	O.R.	397,40	O.R.	597,10	O.R.	-	-

Thicknesses [mm]	PE 500 CM+ natural Standard size per piece: [1000 x 2000 mm ^[4] skived [kg/pce ^[2]]	Thicknesses [mm]	PE 500 CM+ natural Standard size per piece: [1220 x 3000 mm ^[4] skived [kg/pce ^[2]]	Thicknesses [mm]	PE 500 natural Standard size per piece: [1000 x 2000 mm] extruded [kg/pce ^[2]]
2	3,90 □	2	8,00 □	2	3,90 O.R.
3	5,90 □	3	10,80 □	3	5,80 O.R.
4	7,90 □	4	14,50 □	4	7,70 O.R.
5	9,90 □	5	18,10 □	5	9,60 O.R.
6	11,80 □	6	21,70 □	6	11,60 O.R.
8	15,80 □	8	28,90 □	8	15,40 O.R.
10	19,70 □	10	36,20 □	10	19,10 O.R.
12	23,70 □	12	43,40 □	12	22,90 O.R.
-	-	-	-	15	28,60 O.R.

^[1]: Tolerances on widths and lengths [mm] for all dimensions: width -0/+30; length -0/+60^[2]: average production weight^[3]: size 2020 x 1010 mm, thicknesses 10–70 mm: tolerance on thickness -0,2/+0,2 mm

size 2020 x 1010 mm, thicknesses 80–160 mm: tolerance on thickness -0,3/+0,3 mm

^[4]: plate size: 1000 x 2000; width: -0,0/+10,0; length: -0,0/+10,0 | plate size: 1220 x 3000; width: -0,0/+10,0; length: -0,0/+30,0■ : **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. It is also available as pressed and turned rod.

Please consult us concerning production capabilities and minimum order quantities.



PE 500 [HMW-PE]

High Molecular Weight Polyethylene[HMW-PE]

PE 500 black

PE 500 CM+ black

PLATES

Thicknesses [mm]	Tolerances on the thicknesses [mm]	PE 500 black							
		Standard sizes per piece:							
		[1010 x 2020 mm ^[1] pressed [kg/pce ^[2]]		[1220 x 2020 mm ^[1] pressed [kg/pce ^[2]]		[1220 x 3050 mm ^[1] pressed [kg/pce ^[2]]		[2020 x 6150 mm ^[1] pressed [kg/pce ^[2]]	
8	-0,2 +0,2	16,50	□	20,30	□	30,50	■	100,98	O.R.
10		20,60	■	25,30	□	38,00	□	125,61	O.R.
12		24,70	■	30,20	□	45,40	□	150,24	O.R.
15		30,90	■	37,70	□	56,60	■	187,18	O.R.
20		41,20	■	50,10	□	75,20	■	248,76	O.R.
25		51,40	▣	62,50	□	93,90	■	310,33	O.R.
30	-0,0 +0,4 ^[3]	61,70	■	74,90	□	112,50	■	371,90	O.R.
35		72,00	□	87,30	□	131,10	□	433,48	O.R.
40		82,30	■	99,70	□	149,70	■	495,05	O.R.
45		92,60	□	112,05	□	168,40	□	557,90	O.R.
50		102,90	▣	124,50	□	187,00	■	619,40	O.R.
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120	-0,0 +0,6 ^[3]	246,91	□	298,20	O.R.	448,10	O.R.	-	-
130		267,48	□	323,00	O.R.	485,30	O.R.	-	-
140		288,06	□	347,80	O.R.	522,60	O.R.	-	-
150		308,60	O.R.	372,60	O.R.	559,80	O.R.	-	-
160		329,20	O.R.	397,40	O.R.	597,10	O.R.	-	-

Thicknesses [mm]	PE 500 CM+, black			
	Standard size per piece:			
	[1000 x 2000 mm ^[4] skived [kg/pce ^[2]]		[1220 x 3000 mm ^[4] skived [kg/pce ^[2]]	
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3	5,90	□	10,80	□
4	7,90	□	14,50	□
5	9,90	□	18,10	□
6	11,80	□	21,70	□
8	15,80	□	28,90	□
10	19,70	□	36,20	□
12	23,70	□	43,40	□

^[1]: Tolerances on widths and lengths [mm] for all dimensions: width -0/+30; length -0/+60

^[2]: average production weight

^[3]: size 2020 x 1010 mm, thicknesses 10–70 mm: tolerance on thickness -0,2/+0,2 mm
size 2020 x 1010 mm, thicknesses 80–160 mm: tolerance on thickness -0,3/+0,3 mm

^[4]: plate size: 1000 x 2000; width: -0,0/+10,0; length: -0,0/+10,0 | plate size: 1220 x 3000; width: -0,0/+10,0; length: -0,0/+30,0

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