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Chocolate & cooklies
Catalogue



Material properties

	6 PS	1 PET		5 PP		3 PVC	2 HDPE	7 OTHER
	PS	PET	CPET	PP	CO- PP	PVC	HDPE	PLA
Minimum temperature	- 40°C	- 40°c	- 40°c	+ 3°c	- 40°c	- 20°c	- 70°c	- 10°c
Maximum temperature short term	90°c	70°c	220°c	140°c	120°c	80°c	100°c	50°c
Maximum temperature long term	80°c	70°c	220°c	110°c	120°c	70°c	90°c	45°c
Density	1.05	1.35	1.35	0.91	0.91	1.38	0.96	1.25
Thickness comparison *	110	105	110	125	140	100	140	100
Light transmittance *	60	100	100	90	90	100	60	100
Material strength (N/mm²)	1,900 -2,500	2,200	2,900	1,700	1,350			3,500

* Indicative value

Permeability of materials

	PS	PET	PP	CO- PP	CPET	PVC	PLA
O_2 $\frac{cm^3 \times 25\mu m}{m^2 \times 24h \times bar}$	6,000	100 - 160	1,500	2,500 - 4,500	66 - 78	120 - 300	500
CO_2 $\frac{cm^3 \times 25\mu m}{m^2 \times 24h \times bar}$	18,000	200 - 500	8,800	9,500 - 14,400	230 - 260	320 - 1,000	2,500
N_2 $\frac{cm^3 \times 25\mu m}{m^2 \times 24h \times bar}$	2,000	5 - 20	640	700 - 880	9 - 16	50 - 150	
H_2O $\frac{g \times 25\mu m}{m^2 \times 24h}$	60 - 150	10 - 30	6	7 - 12	14	10 - 40	300

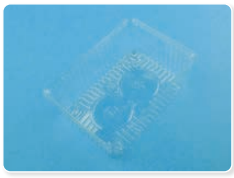
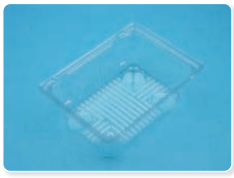
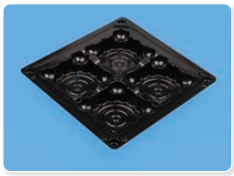
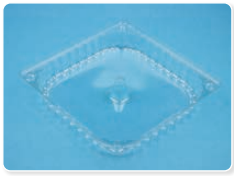
Recycling symbols

CODE	LOGO	NAME	PROPERTIES	APPLICATIONS
PET	1 PET	Polyethylene terephthalate	Usually transparent, sinks in water	Meat trays, salad bowls, tapas, soft drink bottles, oil bottles
PP	5 PP	Polypropylene	Floats on water, low gloss	Meal trays, soup pots, dessert cups, butter dishes
PS	6 PS	Polystyrene	Crumples easily, sinks in water, glossy	Styrofoam, foam cups, chip trays
ALU	41 ALU	Aluminium	Very good barrier. Very stable at high temperatures	Grill, oven meals, barbecue, gratin dishes
HDPE	2 HDPE	High density / polyethylene	Sinks in water	Water bottles, bleach bottles
LDPE	4 LDPE	Low density polyethylene	Flexible, does not crumple	Plastic packaging for cans, bread bags, bags for sandwiches
PVC	3 PVC	Polyvinyl Chloride	Glossy, sinks in water	Disinfectant bottles, tubes
PAP	21 PAP	Cardboard	Eco-friendly appearance	Single-use packaging
Other	7 OTHER	Polycarbonate, acrylic, ABS, mixed/ multi layer plastic.		

All material types are catalogued by means of a number and a recycling symbol.

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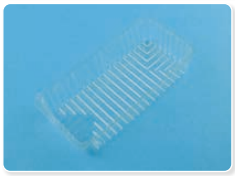
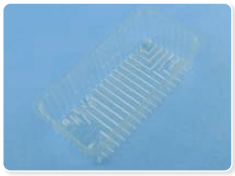
Chocolate & cookies catalogue

	Toolnumber	Length	Width	Depth	Comp.[1]	Material	Bottom size[2]	Tolerance	Note
	099.055.021	99 mm	55 mm	21 mm	1	OPS PET	88 x 41	± 0,1	F
Photo not available	120.120.035	120 mm	120 mm	35 mm	1	OPS		± 0,1	F
	126.101.040	126 mm	101 mm	40 mm	1	OPS PET	110 x 86	± 0,1	F
	140.100.040	140 mm	100 mm	40 mm	1	OPS PET	120 x 80	± 0,1	R
	150.107.050	150 mm	107 mm	50 mm	1	OPS PET	127 x 89	± 0,1	F
	150.108.045	150 mm	108 mm	45 mm	1	OPS PET	110 x 71	± 0,1	F
	155.126.033	155 mm	126 mm	33 mm	2	OPS PET	114 x 66 (2)	± 0,1	R
	158.158.022	158 mm	158 mm	22 mm	4	OPS PET	55 x 55 (4)	± 0,1	R
	163.115.018	163 mm	115 mm	18 mm	12	OPS PET	28 x 28 (12)	± 0,1	F
	163.163.030	163 mm	163 mm	30 mm	1	OPS PET	150 x 150	± 0,1	F

[1] Compartiments [2] Size in mm Note: F : free tool - R: restricted (negotiation recommended)

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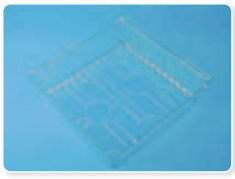
Chocolate & cookies catalogue

	Toolnumber	Length	Width	Depth	Comp.[1]	Material	Bottom size[2]	Tolerance	Note
	166.085.032	166 mm	85 mm	32 mm	1	OPS PET	150 x 65	± 0,1	R
	166.085.043	166 mm	85 mm	43 mm	1	OPS PET	150 x 65	± 0,1	R
	175.090.063	175 mm	90 mm	63 mm	2	OPS PET	53 x 53 (2)	± 0,1	R
	175.141.060	175 mm	141 mm	60 mm	2	OPS PET	158 x 61 (2)	± 0,1	F
	175.175.063	175 mm	175 mm	63 mm	4	OPS PET	53 x 53 (4)	± 0,1	R
	175.175.064	175 mm	175 mm	64 mm	4	OPS PET	58 x 58 (4)	± 0,1	R





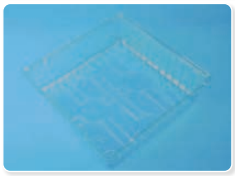
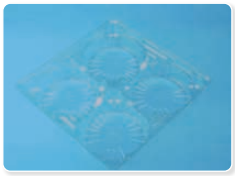
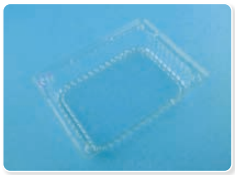
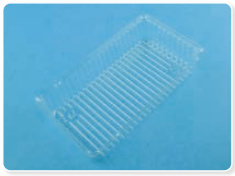


	178.115.040	178 mm	115 mm	40 mm	1	OPS PET	169 x 101	± 0,1	R
	180.180.045	180 mm	180 mm	45 mm	1	OPS PET	165 x 165	± 0,1	F

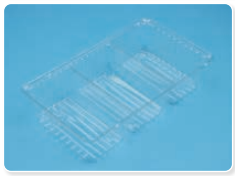
[1] Compartiments [2] Size in mm Note: F : free tool - R: restricted (negotiation recommended)

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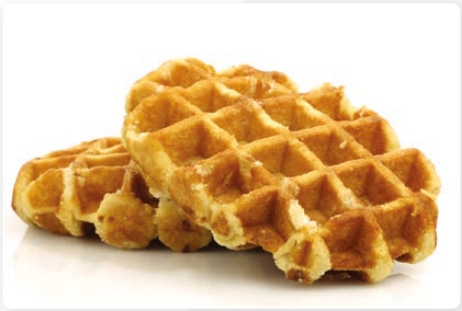
	Toolnumber	Length	Width	Depth	Comp.[1]	Material	Bottom size[2]	Tolerance	Note
	180.180.055	180 mm	180 mm	55 mm	1	OPS PET	165 x 165	± 0,1	R
	181.181.034	181 mm	181 mm	34 mm	4	OPS PET	70 x 70 (4)	± 0,1	F
	182.112.045	182 mm	112 mm	48 mm	2	OPS PET	165 x 50 (2)	± 0,1	R
	185.143.030	185 mm	143 mm	30 mm	2	OPS PET	158 x 57 (2)	± 0,1	F
	186.127.053	186 mm	127 mm	53 mm	1	OPS PET	163 x 104	± 0,1	F
	189.147.033	189 mm	147 mm	33 mm	1	OPS PET	167 x 126	± 0,1	F
	190.072.030	190 mm	72 mm	30 mm	1	OPS PET	180 x 60	± 0,1	R
	190.085.041	190 mm	85 mm	41 mm	2	OPS PET	70 x 68 (2)	± 0,1	R
	190.095.025	190 mm	95 mm	25 mm	2	OPS PET	84 x 84 (2)	± 0,1	F
	190.108.030	190 mm	108 mm	30 mm	1	OPS PET	177 x 96	± 0,1	R

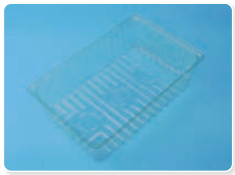
[1] Compartiments [2] Size in mm Note: F : free tool - R: restricted (negotiation recommended)

	Toolnumber	Length	Width	Depth	Comp.[1]	Material	Bottom size[2]	Tolerance	Note
	190.108.030	190 mm	108 mm	30 mm	3	OPS PET	94 x 56 (3)	± 0,1	R
	190.108.043	188 mm	105 mm	45 mm	1	OPS PET	173 x 89	± 0,1	R
	190.108.046	188 mm	105 mm	45 mm	2	OPS PET	90 x 81 (2)	± 0,1	R





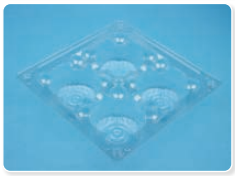
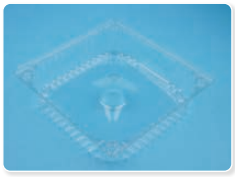
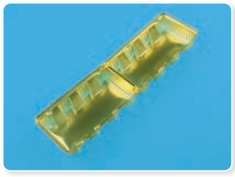
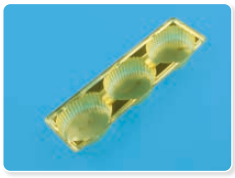
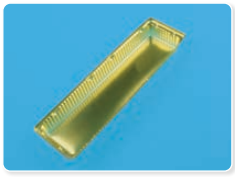


	190.111.040	190 mm	111 mm	40 mm	2	OPS PET	63 x 63 (2)	± 0,1	F
Photo not available	190.112.025	190 mm	112 mm	25 mm	2	PET		± 0,1	F
Photo not available	190.115.037	190 mm	115 mm	37 mm	1	OPS	175 x 90	± 0,1	F
	190.123.050	190 mm	123 mm	50 mm	1	OPS PET	179 x 109	± 0,1	R
	190.140.030	190 mm	140 mm	30 mm	12	OPS PET	39 x 39 (12)	± 0,1	R

[1] Compartiments [2] Size in mm Note: F : free tool - R: restricted (negotiation recommended)

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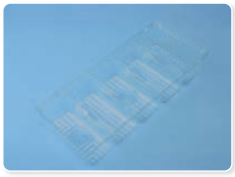
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	Toolnumber	Length	Width	Depth	Comp.[1]	Material	Bottom size[2]	Tolerance	Note
	190.190.040	190 mm	190 mm	40 mm	4	OPS PET	54 x 54 (4)	± 0,1	F
	192.192.020	192 mm	192 mm	20 mm	4	OPS PET	85 x 85 (4)	± 0,1	F
	195.116.050	195 mm	116 mm	50 mm	1	OPS PET	174 x 100	± 0,1	F
	195.195.050	195 mm	195 mm	50 mm	1	OPS PET	175 x 175	± 0,1	F
	198.055.021	198 mm	55 mm	21 mm	2	OPS PET	91 x 31 (2)	± 0,1	R
	198.055.022	198 mm	55 mm	21 mm	3	OPS PET	57 x 47 (3)	± 0,1	R
	198.055.023	198 mm	55 mm	21 mm	1	OPS PET	178 x 42	± 0,1	R
Photo not available	199.055.020	199 mm	55 mm	20 mm	4	OPS PET	43 x 40 (4)	± 0,1	R
	200.077.060	200 mm	77 mm	60 mm	3	OPS PET	56 x 50 (3)	± 0,1	F
	200.115.050	200 mm	115 mm	50 mm	2	OPS PET	180 x 49 (2)	± 0,1	F

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	Toolnumber	Length	Width	Depth	Comp.[1]	Material	Bottom size[2]	Tolerance	Note
	200.115.055	200 mm	115 mm	55 mm	1	OPS PET	180 x 100	± 0,1	F
	200.115.055	200 mm	115 mm	55 mm	1	OPS PET PLA	179 x 100	± 0,1	F
	202.105.044	202 mm	105 mm	44 mm	1	OPS PET	190 x 90	± 0,1	R
	202.105.055	202 mm	105 mm	55 mm	1	OPS PET	190 x 90	± 0,1	R
	205.185.030	205 mm	185 mm	30 mm	3	OPS PET	159 x 58 (3)	± 0,1	F
	207.107.060	207 mm	107 mm	60 mm	1	OPS PET		± 0,1	R
	210.093.035	210 mm	93 mm	35 mm	5	OPS PET	82 x 37 (5)	± 0,1	R
	210.189.033	210 mm	189 mm	33 mm	1	OPS PET	191 x 164	± 0,1	F
	215.122.052	215 mm	122 mm	52 mm	3	OPS PET	110 x 65 (3)	± 0,1	R
	220.110.052	220 mm	110 mm	52 mm	1	OPS PET	210 x 101	± 0,1	F

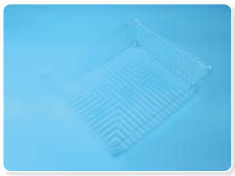
[1] Compartiments [2] Size in mm Note: F : free tool - R: restricted (negotiation recommended)

	Toolnumber	Length	Width	Depth	Comp.[1]	Material	Bottom size[2]	Tolerance	Note
	222.110.036	222 mm	110 mm	36 mm	2	OPS PET	209 x 44 (2)	± 0,1	F
	222.110.040	222mm	110 mm	40 mm	5	OPS PET	98 x 38 (5)	± 0,1	F
	228.078.036	228 mm	78 mm	36 mm	3	OPS PET	69 x 66 (3)	± 0,1	R
	228.088.035	228 mm	88 mm	35 mm	3	OPS PET	72 x 77 (3)	± 0,1	R





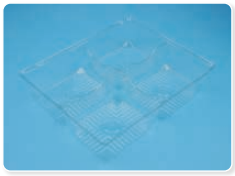
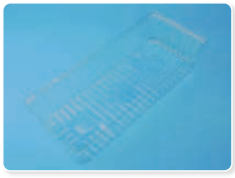


	230.093.045	230 mm	93 mm	45 mm	4	OPS PET	75 x 46 (4)	± 0,1	F
	230.200.055	230 mm	200 mm	55 mm	1	OPS PET	210 x 186	± 0,1	R
	232.102.042	232 mm	102 mm	42 mm	1	OPS PET	213 x 81	± 0,1	R
	234.172.030	234 mm	172 mm	30 mm	20	OPS PET	40 x 36 20)	± 0,1	R

[1] Compartiments [2] Size in mm Note: F : free tool - R: restricted (negotiation recommended)

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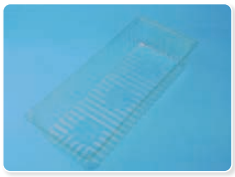
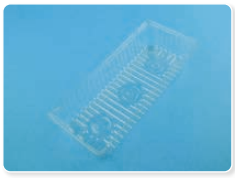
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	Toolnumber	Length	Width	Depth	Comp.[1]	Material	Bottom size[2]	Tolerance	Note
	240.105.050	240 mm	105 mm	50 mm	3	OPS PET	93 x 67 (3)	± 0,1	R
	240.200.050	240 mm	200 mm	50 mm	4	OPS PET	112 x 92 (4)	± 0,1	R
	246.136.030	246 mm	136 mm	30 mm	8	OPS PET	40 x 40 (8)	± 0,1	F
	250.100.055	250 mm	100 mm	55 mm	1	OPS PET	237 x 85	± 0,1	R
	250.127.045	250 mm	127 mm	45 mm	4	OPS PET	36 x 36 (4)	± 0,1	F
	250.140.032	250 mm	140 mm	32 mm	1	OPS PET	228 x 126	± 0,1	F
	252.090.040	252 mm	90 mm	40 mm	6	OPS PET	83 x 36 (6)	± 0,1	F
	252.090.045	252 mm	90 mm	45 mm	4	OPS PET	78 x 54 (4)	± 0,1	F
	252.090.052	252 mm	90 mm	52 mm	3	OPS PET	78 x 78 (3)	± 0,1	F
	256.110.040	256 mm	110 mm	40 mm	1	OPS PET	240 x 94	± 0,1	R

[1] Compartiments [2] Size in mm Note: F : free tool - R: restricted (negotiation recommended)

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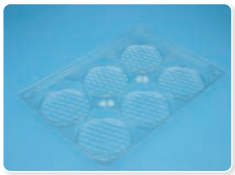
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	Toolnumber	Length	Width	Depth	Comp.[1]	Material	Bottom size[2]	Tolerance	Note
	256.110.045	256 mm	110 mm	45 mm	3	OPS PET	103 x 66 (3)	± 0,1	R
	256.127.055	256 mm	127 mm	55 mm	1	OPS PET	236 x 107	± 0,1	R
	259.112.050	259 mm	112 mm	50 mm	1	OPS PET	240 x 94	± 0,1	R
Photo not available	260.128.055	260 mm	128 mm	55 mm	1	OPS PET	230 x 150	± 0,1	F
	260.128.070	260 mm	128 mm	70 mm	1	OPS PET	235 x 105	± 0,1	F







	260.175.063	260 mm	175 mm	63 mm	6	OPS PET	53 x 53 (6)	± 0,1	F
	269.190.025	269 mm	190 mm	25 mm	6	OPS PET	63 x 63 (6)	± 0,1	F
	269.190.040	269 mm	190 mm	40 mm	6	OPS PET	84 x 84 (6)	± 0,1	F

[1] Compartiments [2] Size in mm Note: F : free tool - R: restricted (negotiation recommended)

	Toolnumber	Length	Width	Depth	Comp.[1]	Material	Bottom size[2]	Tolerance	Note
	274.195.050	274 mm	195 mm	50 mm	1	OPS PET	254 x 175	± 0,1	F
	280.210.020	280 mm	210 mm	20 mm	2	OPS PET	236 x 95 (2)	± 0,1	F
Photo not available	280.210.021	280 mm	210 mm	20 mm	4	OPS PET	182 x 54 (4)	± 0,1	F
	280.210.022	280 mm	210 mm	20 mm	4	OPS PET	106 x 90 (4)	± 0,1	F
	280.210.045	280 mm	210 mm	45 mm	4	OPS PET	131 x 96 (4)	± 0,1	F
	280.210.046	280 mm	210 mm	45 mm	3	OPS PET	184 x 72 (3)	± 0,1	F
	280.210.047	280 mm	210 mm	45 mm	4	OPS PET	120x132 (2), 132x70 (2)	± 0,1	F
	280.210.048	280 mm	210 mm	45 mm	5	OPS PET	198 x 39 (5)	± 0,1	F
Photo not available	280.210.049	280 mm	210 mm	45 mm	8	OPS PET	84 x 48 (8)	± 0,1	F
Photo not available	280.210.050	280 mm	210 mm	45 mm	6	OPS PET	80 x 74 (6)	± 0,1	F

[1] Compartiments [2] Size in mm Note: F : free tool - R: restricted (negotiation recommended)

	Toolnumber	Length	Width	Depth	Comp.[1]	Material	Bottom size[2]	Tolerance	Note
Photo not available	280.210.051	280 mm	210 mm	45 mm	1	OPS PET	248 x 182	± 0,1	F
Photo not available	280.210.052	280 mm	210 mm	45 mm	5 (2 + 3)	OPS PET	120x80(2) 72x80 (3)	± 0,1	F
	280.210.055	280 mm	210 mm	55 mm	4	OPS PET	199x85(2), 85x63, 85x129	± 0,1	F
	280.210.075	280 mm	210 mm	75 mm	1	OPS PET	247 x 185	± 0,1	F
Photo not available	280.210.076	280 mm	210 mm	75 mm	2	OPS PET	245 x 75 (2)	± 0,1	F
Photo not available	380.380.025	380 mm	380 mm	25 mm	49	OPS PET	44x44 (49)	± 0,1	R
Photo not available	390.290.030.005	390 mm	290 mm	30 mm	48	OPS PET	38x30 (48)	± 0,1	R
	475.090.025	475 mm	90 mm	25 mm	1	OPS PET	206 x 73	± 0,1	R

[1] Compartiments [2] Size in mm Note: F : free tool - R: restricted (negotiation recommended)