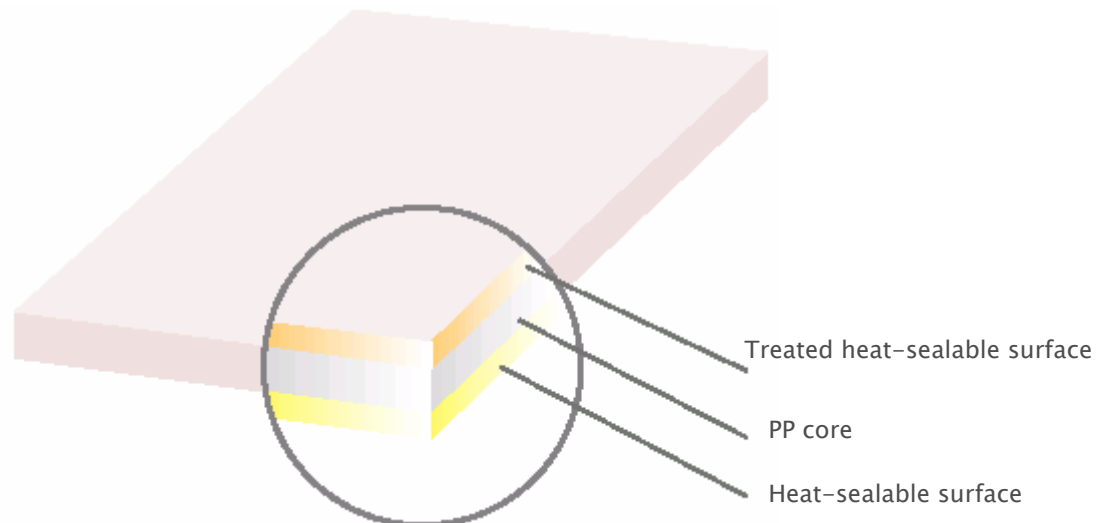




Volen CT.S108

Bioriented polypropylene film transparent,
heat sealable from 108°C, for conversion



Main Characteristics

- ❑ Heat sealable on both sides and from 108°C on the untreated face
- ❑ Good hermiticity of seal
- ❑ Treated on one side for printing and/or lamination
- ❑ High gloss

Applications

- ❑ Printing and/or lamination
- ❑ Flow-pack and lap seal automatic packaging machines
- ❑ Ideal for cookies, candy, pasta, tissue papers, cleaning products, snacks

Properties

- ❑ See reverse side

Volen CT.S108

Properties	Procedure	Unit	CT.S108...C								
			15	17	20	22	25	30	35	40	50
THICKNESS	P-GV3-93031	microns	15	17	20	22	25	30	35	40	50
		mil	0,59	0,67	0,79	0,87	0,98	1,18	1,38	1,57	1,97
WEIGHT PER UNIT AREA	P-GV3-93031	g/m ²	13,7	15,5	18,2	20,0	22,8	27,3	31,9	36,4	45,5
YIELD		m ² /kg	73,3	64,6	54,9	50,0	44,0	36,6	31,4	27,5	22,0
		in ² /lb	51436	45385	38577	35070	30862	25718	22044	19288	15431
HAZE	P-GV3-92014	%	2,0								
GLOSS (45°)	P-GV3-92011	g.u.	85								
COEFFICIENT OF FRICTION DYNAMIC Film/Film	P-GV3-93025	treated face	0,70	0,70	0,70	0,60	0,60	0,60	0,50	0,50	0,50
		untreated face	0,40	0,40	0,35	0,35	0,35	0,35	0,35	0,35	0,35
HEAT SEALING RANGE	P-GV3-93018	°C (°F) treated face	120 a 145 (248 to 293)								
		°C (°F) untreated face	108 a 145 (226 to 293)								
SEAL STRENGTH (Profiled Jaws)	P-GV3-93018 230°F / 0,5sec* / 4bar	N/15mm	2,8	2,9	3,1	3,3	3,4	3,7	4,1	4,5	5,0
		g/in	480	500	530	570	590	640	710	780	860
OXYGEN TRANSMISSION RATE	P-CT-02007	cm ³ /m ² /24h	2200	2100	1800	1500	1300	1100	950	825	660
		cm ³ /100in ² /24h	142	135	116	97	84	71	61	53	43
WATER VAPOUR TRANSMISSION RATE	P-CT-02006	g/m ² /24h	9,6	9,0	7,6	7,0	6,2	4,9	4,1	3,5	3,1
		g/100in ² /24h	0,62	0,58	0,49	0,45	0,40	0,32	0,26	0,23	0,20
TENSILE STRENGTH AT BREAK	P-GV3-93040	N/mm ² MD	140								
		TD	260								
		lb/in ² MD	20300								
		TD	37700								
ELONGATION AT BREAK	P-GV3-93040	% MD	160								
		TD	40								

Important:

Standard: outside treated face.

* For thickness over 35µm, the contact time is: 40µm (1,0 sec) and 50µm (1,5sec).

The present values are average data and shall not be taken as specification.

For further information please read recommendations on "Technical Support" at www.votocel.com.br.

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