

OUR COMPANY



General Plast is a subsidiary of IFRI Group. Created in April 1999 by IBRAHIM Laid and sons, GP (GENERAL PLAST) initially specialized in PET preform manufacture (Polyethylene Terephthalate). In view of the changing needs of the packaging market, GENERAL PLAST has expanded its business by launching new capsule protection lines (cap) in HDPE (High Density Polyethylene).

The manufacturing unit is spread over an area of 8000m² including 4000 covered. It is equipped with the latest technological innovations and has a competent and experienced staff.

OUR EXPERTISE

Thanks to its vast experience and knowledge, supported by the high tech, GP intervenes in the industry sector by meeting the most complex needs in the design and manufacture of PET preform and HDPE caps. General Plast is able to satisfy all user units of PET preform and HDPE cap.

OUR EQUIPMENTS

General Plast is equipped with 11 Husky presses, including 3 of 48 cavities and 3 of 72 which are connected by a Computer Assisted Production Management System (GP A.O). To meet customer needs in terms of PET preforms and HDPE caps, General Plast is equipped with high tech equipment. It has a production capacity responding, in a timely manner, to customer demands. The products are controlled and guaranteed by our quality control laboratory, which oversees their compliance, including standards for acetaldehyde.

OUR PRODUCTS

Our production is spread over a wide range of preforms and caps used for different processes ranging from mineral water bottling, to soda and other liquid products such as vinegar, oils, detergents and cosmetics products.

This range is composed of the following weights:

Product	Weight	Observation
1- PREFORM		
PCO NECK 28	19 gr, 21 gr, 42 gr, 49 gr, 23 gr, 39 gr, 52 gr, 54 gr.	Available
PCO NECK 1881	18 gr, 36 gr, 48 gr	Available
NECK 38	13,7 gr, 15,7 gr, 20,7 gr, 28 gr, 31 gr, 47,2 gr	Available
NECK 30/25	15,2 gr, 16 gr, 28,75 gr, 30 gr, 32 gr	Available
2- CAPS		
NECK 30/ 25, PCO 28		Available
NECK 1881, Col 38		On going project

SPECIFICATIONS SHEET



1- PREFORMS

➤ NECK 30/25

Weight (grs)	Mass Moy (gr)	Preform length (mm)	Neck length (mm)	colar Diameter (mm)	Neck Inside diameter col (mm)	Neck Outside diameter (mm)	Thickness (mm)	Acétaldéhyd e rate (ppm)
16	15,97	89,80	18,50	34,00	25,10	30,00	2,38	≤5
	-Min : 15,67	-Min : 89,30	-Min : 18,35	-Min : 33,85	-Min : 25,00	-Min : 29,85	-Min : 2,28	-Min :-
	-Max : 16,27	-Max : 90,30	-Max : 18,65	-Max : 34,15	-Max : 25,20	-Max : 30,15	-Max : 2,48	-Max : 5
30	30	118,15	18,50	34,00	25,10	30,00	2,93	≤5
	-Min : 29,70	-Min : 117,65	-Min : 18,35	-Min : 33,85	-Min : 25,00	-Min : 29,85	-Min : 2,83	-Min :-
	-Max : 30,30	-Max : 118,65	-Max : 18,65	-Max : 34,15	-Max : 25,20	-Max : 30,15	-Max : 3,03	-Max : 5
32	32	118,50	18,50	34,00	25,10	30,00	3,11	≤5
	-Min : 31,70	-Min : 118,00	-Min : 18,35	-Min : 33,85	-Min : 25,00	-Min : 29,85	-Min : 3,01	-Min :-
	-Max : 32,30	-Max : 119,00	-Max : 18,65	-Max : 34,15	-Max : 25,20	-Max : 30,15	-Max : 3,21	-Max : 5
28,75	28,75	118,15	18,50	34,00	25,10	30,00	2,77	≤5
	-Min : 28,45	-Min : 117,65	-Min : 18,35	-Min : 33,85	-Min : 25,00	-Min : 29,85	-Min : 2,67	-Min :-
	-Max : 29,05	-Max : 118,65	-Max : 18,65	-Max : 34,15	-Max : 25,20	-Max : 30,15	-Max : 2,87	-Max : 5
15,20	15,20	84,50	18,50	34,00	25,10	30,00	2,61	≤5
	-Min : 14,90	-Min : 84,00	-Min : 18,35	-Min : 33,85	-Min : 25,00	-Min : 29,85	-Min : 2,51	-Min :-
	-Max : 15,50	-Max : 85,00	-Max : 18,65	-Max : 34,15	-Max : 25,20	-Max : 30,15	-Max : 2,71	-Max : 5

➤ NECK 28

PRODUCTION DE PREFORMES ET CAPSULES

Weight (grs)	Mass Moy (gr)	Preform length (mm)	Neck length (mm)	Color Diameter (mm)	Neck Inside diameter (mm)	Neck Outside diameter (mm)	Thickness (mm)	Acétaldéhyde rate (ppm)
19	19	89,00	21,00	33,00	21,74	28,00	2,90	≤5
	-Min : 18,70	-Min : 88,50	-Min : 20,90	-Min : 32,85	-Min : 21,61	-Min : 27,90	-Min : 2,80	-Min :-
	-Max : 19,30	-Max : 89,50	-Max : 21,10	-Max : 33,15	-Max : 21,87	-Max : 28,10	-Max : 3,00	-Max : 5
21	21	100,70	20,00	33,00	21,74	28,00	3,01	≤5
	-Min : 20,70	-Min : 100,20	-Min : 20,90	-Min : 32,85	-Min : 21,61	-Min : 27,90	-Min : 2,91	-Min :-
	-Max : 21,30	-Max : 101,20	-Max : 21,10	-Max : 33,15	-Max : 21,87	-Max : 28,10	-Max : 3,11	-Max : 5
23	32	89,00	21,00	33,00	21,74	28,00	4,11	≤5
	-Min : 22,70	-Min : 88,50	-Min : 20,90	-Min : 32,85	-Min : 21,61	-Min : 27,90	-Min : 4,01	-Min :-
	-Max : 32,30	-Max : 89,50	-Max : 21,10	-Max : 33,15	-Max : 21,87	-Max : 28,10	-Max : 4,21	-Max : 5
39	39	122,00	21,00	33,00	21,74	28,00	4,10	≤5
	-Min : 38,70	-Min : 121,39	-Min : 20,90	-Min : 32,85	-Min : 21,61	-Min : 27,90	-Min : 4,00	-Min :-
	-Max : 39,30	-Max : 122,61	-Max : 21,10	-Max : 33,15	-Max : 21,87	-Max : 32,10	-Max : 4,20	-Max : 5
42	42	138,20	21,00	33,00	21,74	28,00	3,49	≤5
	-Min : 41,70	-Min : 137,70	-Min : 20,90	-Min : 32,85	-Min : 21,61	-Min : 27,90	-Min : 3,39	-Min :-
	-Max : 42,30	-Max : 138,70	-Max : 21,10	-Max : 33,15	-Max : 21,87	-Max : 28,10	-Max : 3,59	-Max : 5
49,5	49,5	147,00	21,00	33,00	21,74	28,00	3,74	≤5
	-Min : 49,20	-Min : 146,26	-Min : 20,90	-Min : 32,85	-Min : 21,61	-Min : 27,90	-Min : 3,64	-Min :-
	-Max : 49,80	-Max : 147,74	-Max : 21,10	-Max : 33,15	-Max : 21,87	-Max : 28,10	-Max : 3,84	-Max : 5
52	52	148,00	21,00	33,00	21,74	28,00	3,86	≤5
	-Min : 51,70	-Min : 147,26	-Min : 20,90	-Min : 32,85	-Min : 21,61	-Min : 27,90	-Min : 3,76	-Min :-
	-Max : 52,30	-Max : 148,74	-Max : 21,10	-Max : 33,15	-Max : 21,87	-Max : 28,10	-Max : 3,96	-Max : 5
54	54	148,00	21,00	33,00	21,74	28,00	4,07	≤5
	-Min : 53,70	-Min : 147,26	-Min : 20,90	-Min : 32,85	-Min : 21,61	-Min : 27,90	-Min : 3,97	-Min :-
	-Max : 54,30	-Max : 148,74	-Max : 21,10	-Max : 33,15	-Max : 21,87	-Max : 28,10	-Max : 4,17	-Max : 5

➤ NECK 38

PRODUCTION DE PREFORMES ET CAPSULES

Weight (grs)	Mass Moy (gr)	Preform length (mm)	Neck length (mm)	Color Diameter (mm)	Neck Inside diameter (mm)	Neck Outside diameter (mm)	Thickness (mm)	Taux Acétaldéhyde rate (ppm)
13,70	13,70	63,60	16,50	42,00	33,40	38,00	2,38	≤5
	-Min : 13,40	-Min : 63,10	-Min : 16,45	-Min : 41,85	-Min : 33,27	-Min : 37,90	-Min : 2,28	-Min : -
	-Max : 14,00	-Max : 64,10	-Max : 16,55	-Max : 42,15	-Max : 33,53	-Max : 38,10	-Max : 2,48	-Max : 5
15,70	15,70	63,60	16,50	42,00	33,40	38,00	3,29	≤5
	-Min : 15,40	-Min : 63,10	-Min : 16,45	-Min : 41,85	-Min : 33,27	-Min : 37,90	-Min : 3,19	-Min : -
	-Max : 16,00	-Max : 64,10	-Max : 16,55	-Max : 42,15	-Max : 33,53	-Max : 38,10	-Max : 3,39	-Max : 5
20,70	20,70	90,06	16,50	42,00	33,40	38,00	3,15	≤5
	-Min : 20,40	-Min : 89,56	-Min : 16,45	-Min : 41,85	-Min : 33,27	-Min : 37,90	-Min : 3,05	-Min : -
	-Max : 21,00	-Max : 90,56	-Max : 16,55	-Max : 42,15	-Max : 33,53	-Max : 38,10	-Max : 3,25	-Max : 5
28	28	107,67	16,50	42,00	33,40	38,00	2,90	≤5
	-Min : 27,70	-Min : 107,17	-Min : 16,45	-Min : 41,85	-Min : 33,27	-Min : 37,90	-Min : 2,80	-Min : -
	-Max : 28,30	-Max : 108,17	-Max : 16,55	-Max : 42,15	-Max : 33,53	-Max : 38,10	-Max : 3,00	-Max : 5
31	31	108,20	16,50	42,00	33,40	38,00	3,80	≤5
	-Min : 30,70	-Min : 107,70	-Min : 16,45	-Min : 41,85	-Min : 33,27	-Min : 37,90	-Min : 3,70	-Min : -
	-Max : 31,30	-Max : 108,70	-Max : 16,55	-Max : 42,15	-Max : 33,53	-Max : 38,10	-Max : 3,90	-Max : 5
47,20	47,20	142,06	16,50	42,00	33,40	38,00	3,42	≤5
	-Min : 46,90	-Min : 141,06	-Min : 16,45	-Min : 41,85	-Min : 33,27	-Min : 37,90	-Min : 3,32	-Min : -
	-Max : 44,50	-Max : 143,06	-Max : 16,55	-Max : 42,15	-Max : 33,53	-Max : 38,10	-Max : 3,52	-Max : 5

➤ NECK 1881

Weight (grs)	Mass Moy (gr)	Preform length (mm)	Neck length (mm)	Color Diameter (mm)	Neck Inside diameter (mm)	Neck Outside diameter (mm)	Thickness (mm)	Acétaldéhyde rate (ppm)
48	48	143,00	17,00	33,00	21,74	28,00	3,71	≤5
	-Min : 47,70	-Min : 142,28	-Min : 16,90	-Min : 32,85	-Min : 21,61	-Min : 27,90	-Min : 3,61	-Min : -
	-Max : 48,30	-Max : 142,72	-Max : 17,10	-Max : 33,15	-Max : 21,87	-Max : 28,10	-Max : 3,81	-Max : 5
18	18	83,60	17,00	33,00	21,74	28,00	3,20	≤5
	-Min : 17,70	-Min : 82,50	-Min : 16,90	-Min : 32,85	-Min : 21,61	-Min : 27,90	-Min : 3,10	-Min : -
	-Max : 18,30	-Max : 83,50	-Max : 17,10	-Max : 33,15	-Max : 21,87	-Max : 28,10	-Max : 3,30	-Max : 5
36	36	118	17	33,00	21,74	28,00	3,80	≤5
	-Min : 35,70	-Min : 117,50	-Min : 16,90	-Min : 32,85	-Min : 21,61	-Min : 27,90	-Min : 3,70	-Min : -
	-Max : 36,30	-Max : 118,50	-Max : 17,10	-Max : 33,15	-Max : 21,87	-Max : 28,10	-Max : 3,90	-Max : 5



2-CAPS

Cap	Average mass (gr)	Cap height (mm)	Outside diameter (mm)	Inside diameter (mm)	screwing torque (kgf.cm)	unscrewing torque (kgf.cm)	breaking point tamper evident ring (mm)	number of streaks
30/25	1,88 -Min : 1,83 -Max : 1,93	16,10 -Min : 15,80 -Max : 16,40	32,00 -Min : 31,80 -Max : 32,20	28,80 -Min : 28,60 -Max : 29,00	18,00 -Min : 16,00 -Max : 20,00	<15	<11,6	120
30/25 couronne	1,71 -Min : 1,66 -Max : 1,76	16,10 -Min : 15,80 -Max : 16,40	32,10 -Min : 31,90 -Max : 32,30	28,70 -Min : 28,50 -Max : 28,90	18,00 -Min : 16,00 -Max : 20,00	<15	<11,6	120
28	2,90 -Min : 2,80 -Max : 3,00	19,85 -Min : 19,55 -Max : 20,15	29,90 -Min : 29,70 -Max : 30,10	25,80 -Min : 25,60 -Max : 26,00	20,00 -Min : 18,00 -Max : 22,00	<15	<11,6	120

OUR OBJECTIVE

We take care of:

- Performance improving,
- Economic and social growth,
- Reducing the environmental impact of our activities,
- The quality and competitiveness of our products,
- Care for our relationships with our partners.

Our commitment is also to conquer the international market.

These objectives are the guarantee of the long-term viability of our company and our products.



