

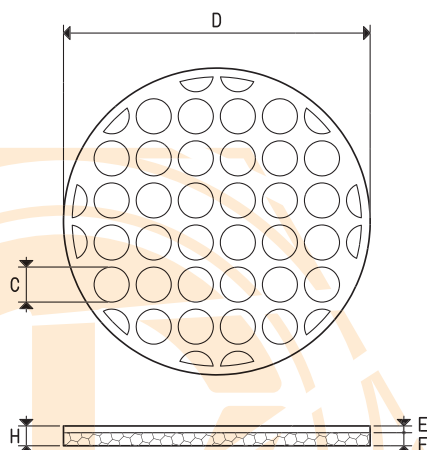
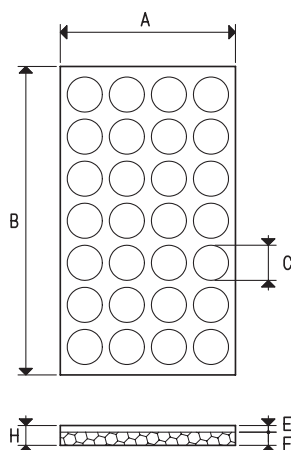
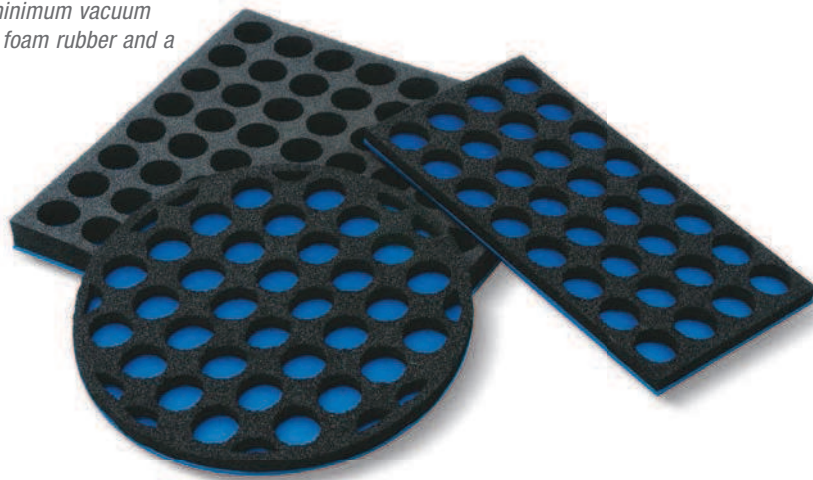
SPECIAL SUCTION PLATES PY AND P2Y FOR OCTOPUS SYSTEMS

Compared to the standard ones, these suction plates, given the same gripping surface, develop a greater force (art. PY) and can grip even very rough and uneven surfaces (art. P2Y).

They are made with anodised aluminium and coated with special perforated foam rubber, with two types of thickness, upon request.

They are perfectly interchangeable with the standard suction plates.

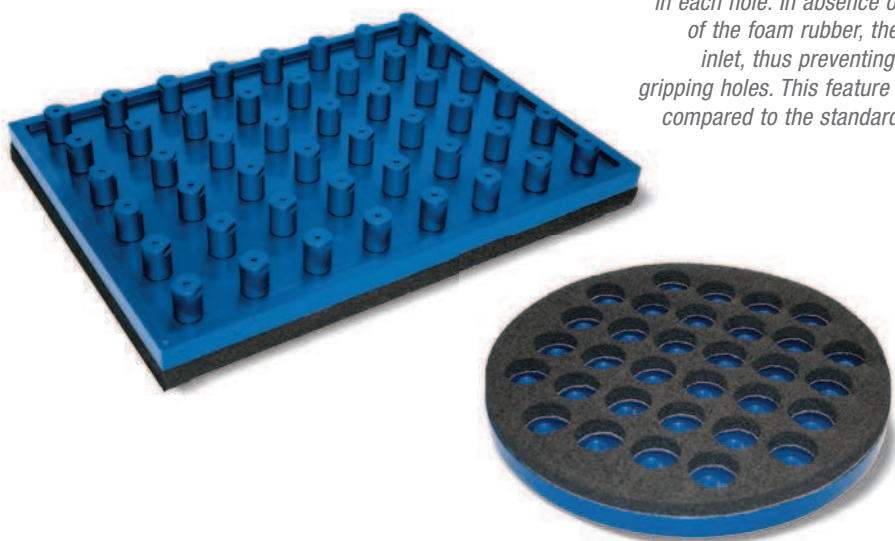
Their lifting force has been calculated considering a minimum vacuum level of -75 Kpa, the overall perforated surface on the foam rubber and a safety factor 3.



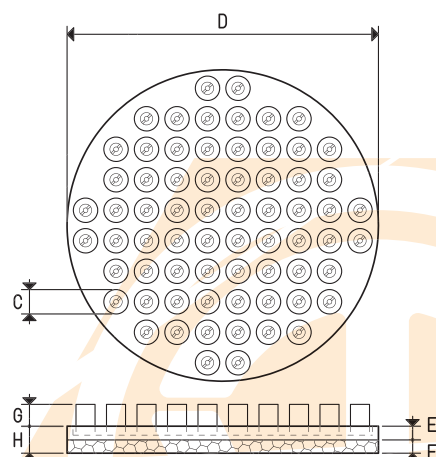
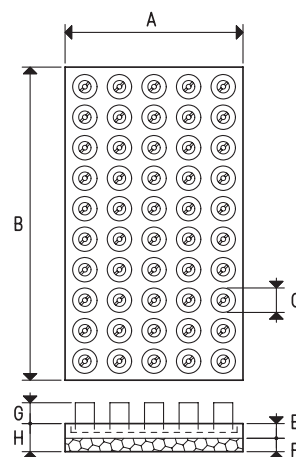
Art.	Force Kg	A	B	C Ø	D Ø	E	F	H	Weight Kg
PY 15 20	37.7	150	200	40	---	5	15	20	0.39
PY 20 30	75.4	200	300	40	---	5	15	20	0.78
PY 20 40	100.5	200	400	40	---	5	15	20	1.07
PY 20 60	150.8	200	600	40	---	5	15	20	1.66
PY 30 30	113.0	300	300	40	---	5	15	20	1.27
PY 30 40	150.8	300	400	40	---	5	15	20	1.65
PY 30 50	188.4	300	500	40	---	5	15	20	2.04
PY 40 40	201.0	400	400	40	---	5	15	20	2.14
PY 40 60	301.5	400	600	40	---	5	15	20	3.35
PY 40 100	502.4	400	1000	40	---	5	15	20	5.50
PY 60 80	602.9	600	800	40	---	5	15	20	6.61
PY 60 120	904.4	600	1200	40	---	5	15	20	10.01
PY 80 100	1037.3	800	1000	40	---	5	15	20	11.24
PY D0 35	100.5	---	---	40	350	5	15	20	1.25
PY D0 50	213.5	---	---	40	500	5	15	20	2.24
P2Y 15 20	37.7	200	200	40	---	5	30	35	0.42
P2Y 20 30	75.4	200	300	40	---	5	30	35	0.85
P2Y 20 40	100.5	200	400	40	---	5	30	35	1.15
P2Y 20 60	150.8	200	600	40	---	5	30	35	1.69
P2Y 30 30	113.0	300	300	40	---	5	30	35	1.30
P2Y 30 40	150.8	300	400	40	---	5	30	35	1.68
P2Y 30 50	188.4	300	500	40	---	5	30	35	2.10
P2Y 40 40	201.0	400	400	40	---	5	30	35	2.29
P2Y 40 60	301.5	400	600	40	---	5	30	35	3.45
P2Y 40 100	502.4	400	1000	40	---	5	30	35	5.80
P2Y 60 80	602.9	600	800	40	---	5	30	35	7.01
P2Y 60 120	904.4	600	1200	40	---	5	30	35	10.60
P2Y 80 100	1037.3	800	1000	40	---	5	30	35	11.81
P2Y D0 35	100.5	---	---	40	350	5	30	35	1.39
P2Y D0 50	213.5	---	---	40	500	5	30	35	2.36

SPECIAL SUCTION PLATES WITH SHUT-OFF VALVES PY2E AND P2Y2E, FOR OCTOPUS SYSTEMS

The suction plates described in this page are the same as the previously described ones. Their distinctive features are the shut-off valves inserted in each hole. In absence of an object to grip or in case of a defective grip of the foam rubber, the shut-off valves automatically close the suction inlet, thus preventing the vacuum level from decreasing on the other gripping holes. This feature allows reducing the vacuum generator capacity compared to the standard OCTOPUS systems, all to the benefit of energy saving.



Art.	Force Kg	A	B	C Ø	D Ø	E	F	G	H	Nr. of Valves	Weight Kg
PY2E 20 30	75.4	200	300	40	---	17	15	18	32	24	1.26
PY2E 20 40	100.5	200	400	40	---	17	15	18	32	32	1.71
PY2E 20 60	150.8	200	600	40	---	17	15	18	32	48	2.62
PY2E 30 30	113.0	300	300	40	---	17	15	18	32	36	1.99
PY2E 30 40	150.8	300	400	40	---	17	15	18	32	48	2.61
PY2E 30 50	188.4	300	500	40	---	17	15	18	32	60	3.24
PY2E 40 40	201.0	400	400	40	---	17	15	18	32	64	3.42
PY2E 40 60	301.5	400	600	40	---	17	15	18	32	96	5.27
PY2E 40 100	502.4	400	1000	40	---	17	15	18	32	160	8.70
PY2E 60 80	602.9	600	800	40	---	17	15	18	32	192	10.45
PY2E 60 120	904.4	600	1200	40	---	17	15	18	32	288	15.77
PY2E 80 100	1037.3	800	1000	40	---	17	15	18	32	320	17.64
PY2E D0 35	100.5	---	---	40	350	17	15	18	32	32	1.89
PY2E D0 50	213.5	---	---	40	500	17	15	18	32	76	3.76
P2Y2E 20 30	75.4	200	300	40	---	17	30	18	47	24	1.33
P2Y2E 20 40	100.5	200	400	40	---	17	30	18	47	32	1.79
P2Y2E 20 60	150.8	200	600	40	---	17	30	18	47	48	2.65
P2Y2E 30 30	113.0	300	300	40	---	17	30	18	47	36	2.02
P2Y2E 30 40	150.8	300	400	40	---	17	30	18	47	48	2.64
P2Y2E 30 50	188.4	300	500	40	---	17	30	18	47	60	3.30
P2Y2E 40 40	201.0	400	400	40	---	17	30	18	47	64	3.57
P2Y2E 40 60	301.5	400	600	40	---	17	30	18	47	96	5.37
P2Y2E 40 100	502.4	400	1000	40	---	17	30	18	47	160	9.00
P2Y2E 60 80	602.9	600	800	40	---	17	30	18	47	192	10.85
P2Y2E 60 120	904.4	600	1200	40	---	17	30	18	47	288	16.36
P2Y2E 80 100	1037.3	800	1000	40	---	17	30	18	47	320	18.21
P2Y2E D0 35	100.5	---	---	40	350	17	30	18	47	32	2.03
P2Y2E D0 50	213.5	---	---	40	500	17	30	18	47	76	3.88

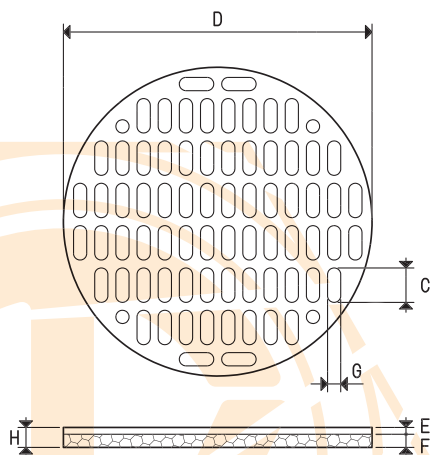
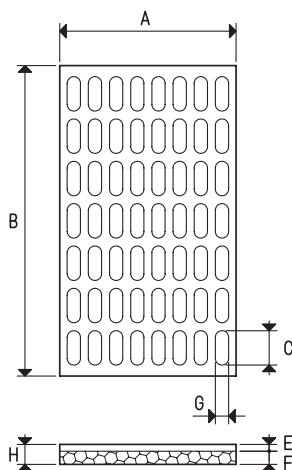
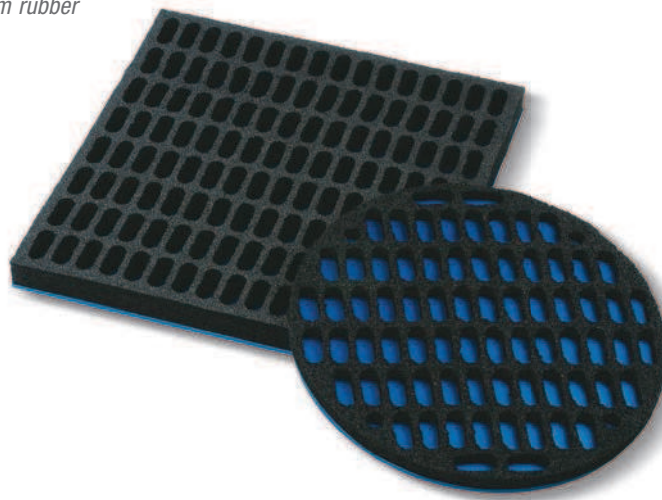


SPECIAL SUCTION PLATES PZ AND P2Z, FOR OCTOPUS SYSTEMS

Among all the suction plates described up to now, these are the ones which develop the greatest lifting force given the same gripping surface and vacuum level. Moreover, the P2Z version is also able to grip very rough and uneven surfaces.

They are made with light alloys and coated with special foam rubber with slot holes, with two types of thickness. They are perfectly interchangeable with the standard suction plates.

Their lifting force has been calculated considering a minimum vacuum level of -75 Kpa, The overall surface of the slot holes on the foam rubber and a safety factor 3.



Art.	Force Kg	A	B	C Ø	D Ø	E	F	G	H	Weight Kg
PZ 15 20	41.0	150	200	42	---	5	15	18	20	0.40
PZ 20 30	82.4	200	300	42	---	5	15	18	20	0.80
PZ 20 40	109.8	200	400	42	---	5	15	18	20	1.09
PZ 20 60	164.7	200	600	42	---	5	15	18	20	1.68
PZ 30 30	123.5	300	300	42	---	5	15	18	20	1.28
PZ 30 40	164.7	300	400	42	---	5	15	18	20	1.67
PZ 30 50	206.0	300	500	42	---	5	15	18	20	2.06
PZ 40 40	219.6	400	400	42	---	5	15	18	20	2.17
PZ 40 60	329.4	400	600	42	---	5	15	18	20	3.38
PZ 40 100	549.0	400	1000	42	---	5	15	18	20	5.54
PZ 60 80	658.8	600	800	42	---	5	15	18	20	6.64
PZ 60 120	988.3	600	1200	42	---	5	15	18	20	10.05
PZ 80 100	1143.1	800	1000	42	---	5	15	18	20	11.30
PZ D0 35	126.9	---	---	42	350	5	15	18	20	1.26
PZ D0 50	271.1	---	---	42	500	5	15	18	20	2.26
P2Z 15 20	41.0	200	200	42	---	5	30	18	35	0.44
P2Z 20 30	82.4	200	300	42	---	5	30	18	35	0.88
P2Z 20 40	109.8	200	400	42	---	5	30	18	35	1.18
P2Z 20 60	164.7	200	600	42	---	5	30	18	35	1.72
P2Z 30 30	123.5	300	300	42	---	5	30	18	35	1.33
P2Z 30 40	164.7	300	400	42	---	5	30	18	35	1.71
P2Z 30 50	206.0	300	500	42	---	5	30	18	35	2.14
P2Z 40 40	219.6	400	400	42	---	5	30	18	35	2.32
P2Z 40 60	329.4	400	600	42	---	5	30	18	35	3.48
P2Z 40 100	549.0	400	1000	42	---	5	30	18	35	5.84
P2Z 60 80	658.8	600	800	42	---	5	30	18	35	7.05
P2Z 60 120	988.3	600	1200	42	---	5	30	18	35	10.64
P2Z 80 100	1143.1	800	1000	42	---	5	30	18	35	11.85
P2Z D0 35	126.9	---	---	42	350	5	30	18	35	1.42
P2Z D0 50	271.1	---	---	42	500	5	30	18	35	2.39