



SPECIAL SUCTION PLATES PY and P2Y FOR OCTOPUS SYSTEMS

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

They are made with anodised aluminium with calibrated holes and coated with special perforated foam rubber, with two different thicknesses upon request. They are perfectly interchangeable with the standard suction plates.

Their lifting force was calculated considering a level of vacuum of at least -75 Kpa, the total surface of the holes within the foam rubber and a factor of safety 3.



Item	Force Kg	A	B	C Ø	D Ø	E	F	H	Holes No.	Only rubber item	Weight Kg
PY 15 20	37.7	150	200	40	---	5	15	20	12	Y 15 20	0.39
PY 20 30	75.4	200	300	40	---	5	15	20	24	Y 20 30	0.78
PY 20 40	100.5	200	400	40	---	5	15	20	32	Y 20 40	1.07
PY 20 60	150.8	200	600	40	---	5	15	20	48	Y 20 60	1.66
PY 30 30	113.0	300	300	40	---	5	15	20	36	Y 30 30	1.27
PY 30 40	150.8	300	400	40	---	5	15	20	48	Y 30 40	1.65
PY 30 50	188.4	300	500	40	---	5	15	20	60	Y 30 50	2.04
PY 40 40	201.0	400	400	40	---	5	15	20	64	Y 40 40	2.14
PY 40 60	301.5	400	600	40	---	5	15	20	96	Y 40 60	3.35
PY 40 100	502.4	400	1000	40	---	5	15	20	164	Y 40 100	5.50
PY 60 80	602.9	600	800	40	---	5	15	20	192	Y 60 80	6.61
PY 60 120	904.4	600	1200	40	---	5	15	20	294	Y 60 120	10.01
PY 80 100	1037.3	800	1000	40	---	5	15	20	315	Y 80 100	11.24
PY DO 35	100.5	---	---	40	350	5	15	20	37	Y DO 35	1.25
PY DO 50	213.5	---	---	40	500	5	15	20	79	Y DO 50	2.24
P2Y 15 20	37.7	200	200	40	---	5	30	35	12	2Y 15 20	0.42
P2Y 20 30	75.4	200	300	40	---	5	30	35	24	2Y 20 30	0.85
P2Y 20 40	100.5	200	400	40	---	5	30	35	32	2Y 20 40	1.15
P2Y 20 60	150.8	200	600	40	---	5	30	35	48	2Y 20 60	1.69
P2Y 30 30	113.0	300	300	40	---	5	30	35	36	2Y 30 30	1.30
P2Y 30 40	150.8	300	400	40	---	5	30	35	48	2Y 30 40	1.68
P2Y 30 50	188.4	300	500	40	---	5	30	35	60	2Y 30 50	2.10
P2Y 40 40	201.0	400	400	40	---	5	30	35	64	2Y 40 40	2.29
P2Y 40 60	301.5	400	600	40	---	5	30	35	96	2Y 40 60	3.45
P2Y 40 100	502.4	400	1000	40	---	5	30	35	164	2Y 40 100	5.80
P2Y 60 80	602.9	600	800	40	---	5	30	35	192	2Y 60 80	7.01
P2Y 60 120	904.4	600	1200	40	---	5	30	35	294	2Y 60 120	10.60
P2Y 80 100	1037.3	800	1000	40	---	5	30	35	315	2Y 80 100	11.81
P2Y DO 35	100.5	---	---	40	350	5	30	35	37	2Y DO 35	1.39
P2Y DO 50	213.5	---	---	40	500	5	30	35	79	2Y DO 50	2.36

