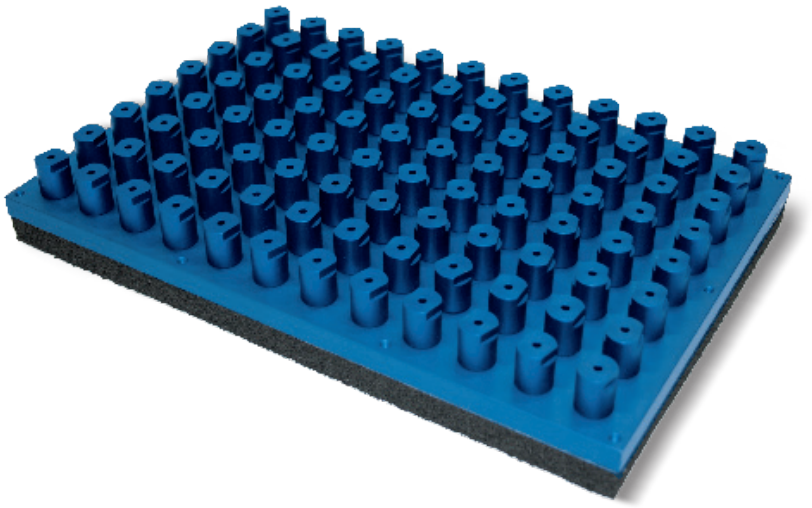
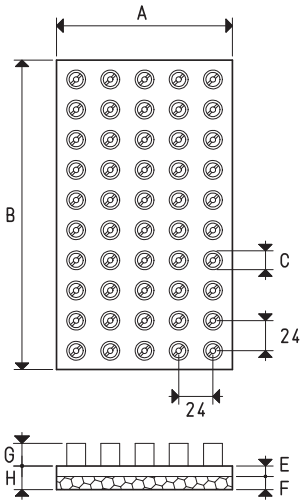
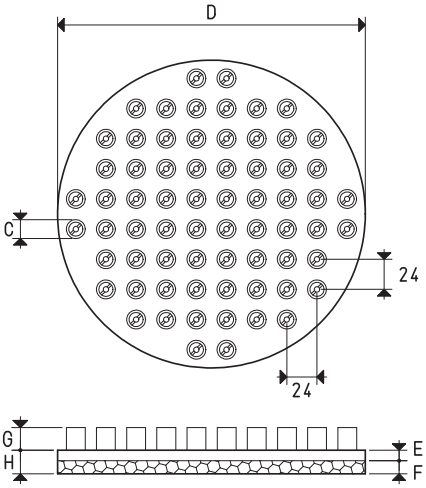
STANDARD SUCTION PLATES WITH SHUT-OFF VALVES PXE and P2XE FOR OCTOPUS SYSTEMS

The suction plates described on this page are the same as the previously described PX and P2X, but with the addition of 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 level of vacuum from decreasing on the other gripping holes.
This feature reduces the vacuum generator flow rate compared to standard OCTOPUS systems, to the benefit of energy savings. Moreover, the particular shape of our shut-off valves allows the use of the gripping surfaces in any position.



Item	Force Kg	A	B	C Ø	D Ø	E	F	G	H	Valves No.	Only rubber item	Weight Kg
PXE 20 30	42.4	200	300	15	---	10	15	18	25	96	X 20 30	1.76
PXE 20 40	56.6	200	400	15	---	10	15	18	25	128	X 20 40	2.38
PXE 20 60	84.8	200	600	15	---	10	15	18	25	192	X 20 60	3.62
PXE 30 30	63.6	300	300	15	---	10	15	18	25	144	X 30 30	2.74
PXE 30 40	84.8	300	400	15	---	10	15	18	25	192	X 30 40	3.62
PXE 30 50	106.0	300	500	15	---	10	15	18	25	240	X 30 50	4.50
PXE 40 40	113.1	400	400	15	---	10	15	18	25	256	X 40 40	4.76
PXE 40 60	169.6	400	600	15	---	10	15	18	25	384	X 40 60	7.24
PXE 40 100	282.6	400	1000	15	---	10	15	18	25	656	X 40 100	12.16
PXE 60 80	339.2	600	800	15	---	10	15	18	25	768	X 60 80	14.38
PXE 60 120	508.7	600	1200	15	---	10	15	18	25	1176	X 60 120	21.86
PXE 80 100	597.4	800	1000	15	---	10	15	18	25	1353	X 80 100	24.83
PXE DO 35	65.4	---	---	15	350	10	15	18	25	148	X DO 35	2.78
PXE DO 50	139.6	---	---	15	500	10	15	18	25	308	X DO 50	5.38
P2XE 20 30	42.4	200	300	15	---	10	30	18	40	96	2X 20 30	1.85
P2XE 20 40	56.6	200	400	15	---	10	30	18	40	128	2X 20 40	2.49
P2XE 20 60	84.8	200	600	15	---	10	30	18	40	192	2X 20 60	3.69
P2XE 30 30	63.6	300	300	15	---	10	30	18	40	144	2X 30 30	2.80
P2XE 30 40	84.8	300	400	15	---	10	30	18	40	192	2X 30 40	3.70
P2XE 30 50	106.0	300	500	15	---	10	30	18	40	240	2X 30 50	4.62
P2XE 40 40	113.1	400	400	15	---	10	30	18	40	256	2X 40 40	4.97
P2XE 40 60	169.6	400	600	15	---	10	30	18	40	384	2X 40 60	7.24
P2XE 40 100	282.6	400	1000	15	---	10	30	18	40	656	2X 40 100	12.52
P2XE 60 80	339.2	600	800	15	---	10	30	18	40	768	2X 60 80	14.86
P2XE 60 120	508.7	600	1200	15	---	10	30	18	40	1176	2X 60 120	22.49
P2XE 80 100	597.4	800	1000	15	---	10	30	18	40	1353	2X 80 100	25.46
P2XE DO 35	65.4	---	---	15	350	10	30	18	40	148	2X DO 35	2.97
P2XE DO 50	139.6	---	---	15	500	10	30	18	40	308	2X DO 50	5.56





Transformation ratio: N (newton) = Kg x 9.81 (force of gravity) inch = $\frac{mm}{25.4}$; pounds = $\frac{g}{453.6} = \frac{Kg}{0.4536}$