## BAG GRIPPING SUCTION PLATES PJ
FOR OCTOPUS SYSTEMS

These suction plates have been designed to allow gripping paper or plastic bags containing powders, granulated products, bulk products or liquids. These suction plates are associated with OCTOPUS systems that fully exploit their performance. They are made with anodised aluminium and are provided with a special foam rubber seal. They are perfectly interchangeable with the OCTOPUS system standard suction plates. The special shapes of the seal and the face allow reducing bag deformation during gripping, reducing vacuum loss to a minimum and guaranteeing the largest gripping surface possible. Their lifting force has been calculated considering a level of vacuum of at least -75 Kpa, the total gripping surface enclosed in the seal and a safety factor 3.
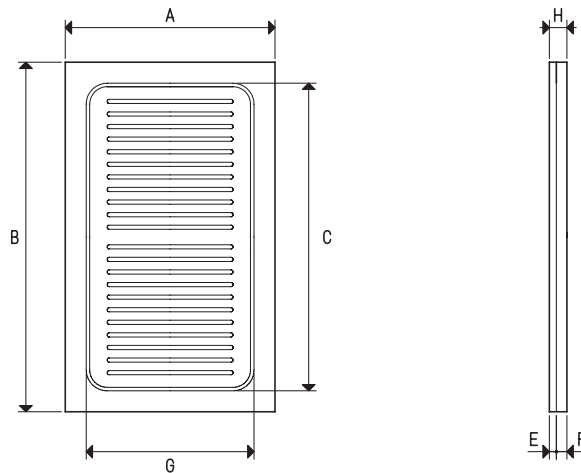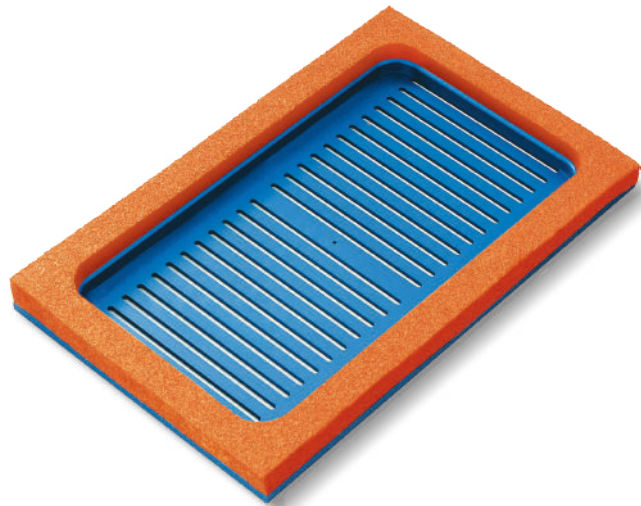
Item	Force Kg	A	B	C	E	F	G	H	Only rubber item	Weight Kg
PJ 07 12	4.0	70	120	100	5.0	15	50	15.0	J 07 12	0.09
PJ 08 08	3.0	80	80	60	5.0	15	60	15.0	J 08 08	0.08
PJ 15 20	24.6	150	200	170	7.5	15	120	22.5	J 15 20	0.46
PJ 20 30	73.4	200	300	230	10.0	30	130	40.0	J 20 30	0.92
PJ 20 40	106.0	200	400	330	10.0	30	130	40.0	J 20 40	1.25
PJ 20 60	171.0	200	600	530	10.0	30	130	40.0	J 20 60	1.84
PJ 30 40	188.4	300	400	330	10.0	30	230	40.0	J 30 40	1.84
PJ 30 50	246.0	300	500	430	10.0	30	230	40.0	J 30 50	2.30
PJ 40 60	436.0	400	600	530	10.0	30	330	40.0	J 40 60	3.68

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