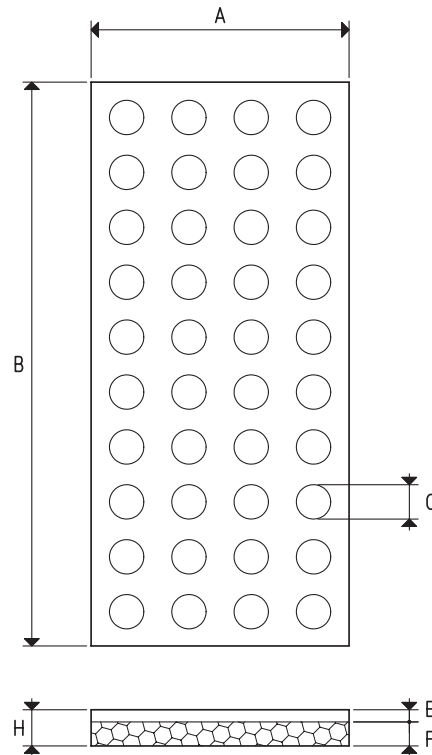
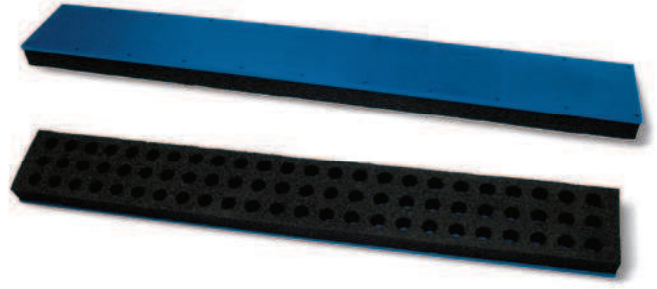


## STANDARD SUCTION PLATES PX E P2X, FOR OCTOPUS GRIPPING BARS

The suction plates PX described in this page are installed, as a standard, on all OCTOPUS gripping bars and, therefore, they can be supplied as a spare part.

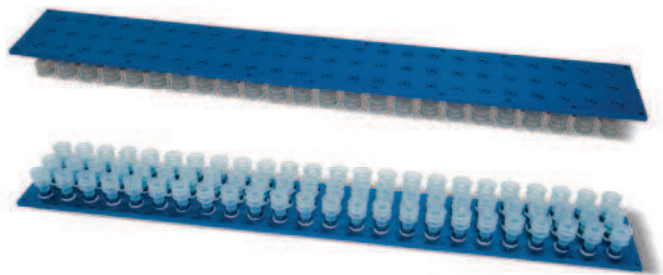
They are made with anodised aluminium and coated with special perforated foam rubber, with two types of thickness: 20 mm with suction plates of the PX range, 30 mm for special suction plates of the P2X range. Their lifting force has been calculated considering a minimum vacuum level of -75 Kpa, the overall perforated surface on the foam rubber and a safety factor 3.



3D drawings available at [www.vuototecnica.net](http://www.vuototecnica.net)

Art.	Force Kg	A	B	C ∅	E	F	H	Weight Kg
<b>PX 08 60</b>	31.7	80	600	15	5	20	25	0.70
<b>PX 08 80</b>	42.2	80	800	15	5	20	25	0.94
<b>PX 12 60</b>	42.2	120	600	15	5	20	25	1.06
<b>PX 12 80</b>	56.3	120	800	15	5	20	25	1.41
<b>PX 12 100</b>	70.4	120	1000	15	5	20	25	1.76
<b>PX 12 120</b>	86.2	120	1200	15	5	20	25	2.11
<b>P2X 08 60</b>	31.7	80	600	15	5	30	35	0.72
<b>P2X 08 80</b>	42.2	80	800	15	5	30	35	0.96
<b>P2X 12 60</b>	42.2	120	600	15	5	30	35	1.08
<b>P2X 12 80</b>	56.3	120	800	15	5	30	35	1.44
<b>P2X 12 100</b>	70.4	120	1000	15	5	30	35	1.80
<b>P2X 12 120</b>	86.2	120	1200	15	5	30	35	2.17

## VACUUM CUP SUCTION PLATES PV FOR OCTOPUS GRIPPING BARS



These suction plates provided with vacuum cups have been designed to ensure a better grip on uneven and very flexible surfaces (pasta or candy bags, blister or skin-film packs, thin cardboard boxes, etc.), which are difficult to grip with suction plates coated with foam rubber.

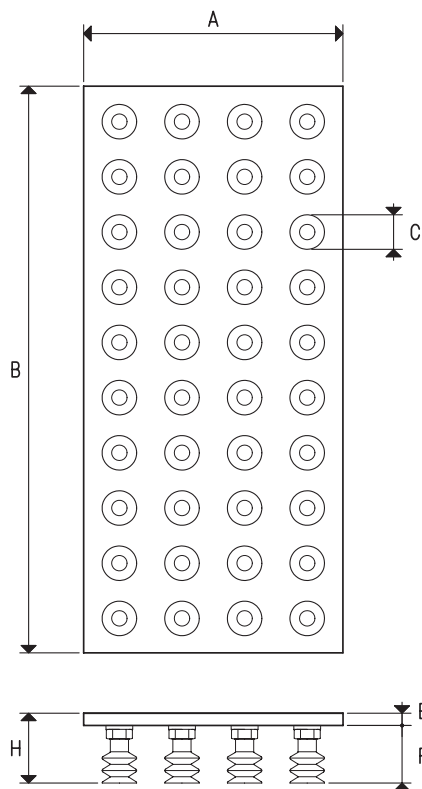
We recommend using bellow cups. Thanks to their great flexibility, they adapt themselves to any gripping surface, following its profiles and movements during the lifting phase, guaranteeing a firm and safe grip.

They are made with anodised aluminium, as are the 1/8" vacuum cup supports screwed onto them.

The cups are cold assembled onto the supports with no adhesives and can be provided in other compounds. Also these suction plates are perfectly interchangeable with the standard ones.

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

Upon request, they can be provided with different cups, as long as the diameter does not exceed 22 mm.



Art.	Force Kg	A	B	C ∅	E	F	H	Example Vacuum cup art.	Nr. of cups	Weight Kg
<b>PV 08 60</b>	45.4	80	600	18	5	36	41	01 18 29	72	0.83
<b>PV 08 80</b>	60.5	80	800	18	5	36	41	01 18 29	96	1.26
<b>PV 12 60</b>	60.5	120	600	18	5	36	41	01 18 29	96	1.42
<b>PV 12 80</b>	80.6	120	800	18	5	36	41	01 18 29	128	1.90
<b>PV 12 100</b>	100.8	120	1000	18	5	36	41	01 18 29	160	2.37
<b>PV 12 120</b>	121.0	120	1200	18	5	36	41	01 18 29	192	2.84

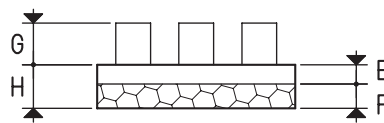
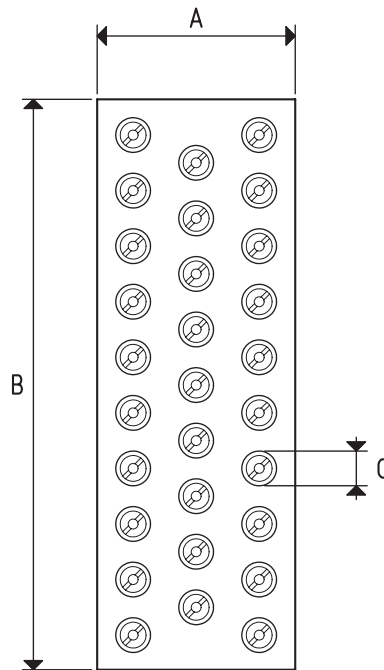
**Note:** The code PV.. exclusively indicates the suction plate with the vacuum cup supports screwed on it.

The vacuum cups indicated in the table or freely chosen are not integral part of the suction plate and therefore, must be ordered separately.

$$\text{Conversion ratio: inch} = \frac{\text{mm}}{25.4} \quad \text{pounds} = \frac{\text{g}}{453.6} = \frac{\text{Kg}}{0.4536}$$

## SUCTION PLATES WITH SHUT-OFF VALVES PXE and P2XE, FOR OCTOPUS GRIPPING BARS

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 cup support connection. 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 OCTOPUS systems without valves, all to the benefit of energy saving.



3D drawings available at [www.vuototecnica.net](http://www.vuototecnica.net)

Art.	Force Kg	A	B	C Ø	E	F	G	H	Nr. of Valves	Weight Kg
<b>PXE 08 60</b>	43.7	80	600	20	10	20	18	30	56	1.69
<b>PXE 08 80</b>	60.0	80	800	20	10	20	18	30	77	2.25
<b>PXE 12 60</b>	42.1	120	600	20	10	20	18	30	54	2.53
<b>PXE 12 80</b>	57.7	120	800	20	10	20	18	30	74	3.38
<b>PXE 12 100</b>	73.3	120	1000	20	10	20	18	30	94	4.22
<b>PXE 12 120</b>	88.9	120	1200	20	10	20	18	30	114	5.07
<b>P2XE 08 60</b>	43.7	80	600	20	10	30	18	40	56	1.72
<b>P2XE 08 80</b>	60.0	80	800	20	10	30	18	40	77	2.29
<b>P2XE 12 60</b>	42.1	120	600	20	10	30	18	40	54	2.58
<b>P2XE 12 80</b>	57.7	120	800	20	10	30	18	40	74	3.44
<b>P2XE 12 100</b>	73.3	120	1000	20	10	30	18	40	94	4.30
<b>P2XE 12 120</b>	88.9	120	1200	20	10	30	18	40	114	5.16