



## TECHNICAL CHART PLASTIC BRIDGE (PB)



Technical Name: Plastic rebar spacers for double rebar vertical structures

Commercial Name: Plastic Bridge (PB)

Description: Rebar spacers made entirely of polypropylene, with an entrance at each end for receiving and securing double rebar structures. Along the body of the element there are several cavities that allow for the freshly poured concrete to uniformly envelope the spacers reducing the chance of concrete segregation.

Properties: (All values verified by independent laboratories)

- Resistance to impact: 62 J/m
- Resistance to tension: 14.6 MPa
- Elongación: 4.4%
- Resistance to flexion: 21.4 MPa

Uses: Mostly used in concrete walls and prefabricated products using double cage rebar structure, effectively separating one mesh from the other to a fixed distance set by the structural engineer in addition to give on both sides of the rebar structure a standard concrete recover height on 25mm. It can hold thin mesh up to 1/4" rebar.

Import Tariff Code: 3925.90.99 (México), 3925.90.00.00 (Colombia)

Yield: Between 1 and 1.5 units per square meter built

Weight and dimensions:

Length of the Spacer	100mm	120mm	150mm	200mm	250mm
Weight per unit (gr)	13	12	17	19	24
Units per Pack	1000	500	500	400	500
Total weight (kg)	13.0	6.0	8.5	7.6	11.9