

Silicone Plates PL Series

Description

The PL series plates 300x300 mm are made in silicone with high damping and high mechanical characteristics
 This sheets could be easy cut at required dimensions
 The weight of sheets are depending of their thickness and for sheets dimension 300x300 mm it will be between 110 grams (Thickness 1 mm) and 1100 grams (Thickness 10 mm)

Applications

This plates are perfectly suitable for protection of electronic circuits or sensitive electronic materials

Codification

The reference to be indicated for these dampers is:

PL 300-300-X/YY A

[X]: Thickness of plates from 1 to 10 mm

[YY]: Index of hardness of rubber

Particular achievements with specific load range can be proposed, for any request, consult our engineering departments

Characteristics

P/N	Hardness (Shore A) (+4; -5)	Breaking lengthening (%)	Breaking resistance (MPa)	Split resistance (daN/cm)	Q factor	Temperature range
PL 300-300-X/20A	20	900	6.3	13.6	<5	-60°C to +150°C
PL 300-300-X/25A	25	880	7.5	14.4	<5	-60°C to +150°C
PL 300-300-X/30A	30	780	10.0	22.4	<5	-60°C to +150°C
PL 300-300-X/40A	40	730	10.6	32.5	<5	-60°C to +150°C
PL 300-300-X/55A	55	620	9.5	36.5	<5	-60°C to +150°C
PL 300-300-X/70A	70	570	9.1	37.7	<5	-60°C to +150°C
PL 300-300-X/80A	80	365	8.2	29.9	<5	-60°C to +150°C

Resilience : ≈34%

Dielectric rigidity: ≈17 kV/mm

