

RAY PAD® STEEL-REINFORCED RAIL PAD

Ray Pad® steel-reinforced rubber rail pad is a vibration and stress reduction element designed to be installed beneath crane rails. Its main purpose is to protect the rail, the supporting structure and also the crane itself from the harming effects of vibration and load irregularity. Rail pads do it so by creating a flexible layer between the rail and the structure.

RAY PAD® RAIL PAD FEATURES

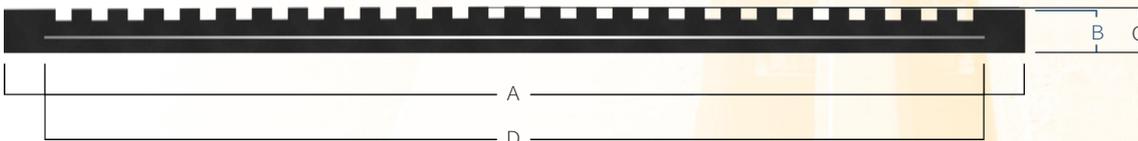
- It reduces noise and structural vibration
- It spreads wheel load evenly, fixing the load irregularities
- It is resistant to water, oil, grease, ozone and fungal
- It is reinforced with a steel layer which makes it resistant to crushing or widening
- It ensures superior adherence thanks to its grooved surface
- It has feature of a great degree of recovery
- It protects crane mechanism and makes life of carrier, axle and wheel longer

INSTALLATION GUIDELINES

The first step of rail pad installation is to choose the correct size and length. First of all, correct type of rail pad should be selected in accordance with the rail type used. Ray Pad® rail pads can be used in both interior and exterior locations. Before installation, the supporting surface beneath the rail should be removed from oils and sharp, pointed, slipping and wearing materials which may damage the pad. Pads should be laid down on supporting surface as a whole so that no gap exists between them. Its grooved surface should be faced upwards. Pads should be aligned to center according to bottom edges of rail. They should be placed in such a way that their upper parts will be covered completely.

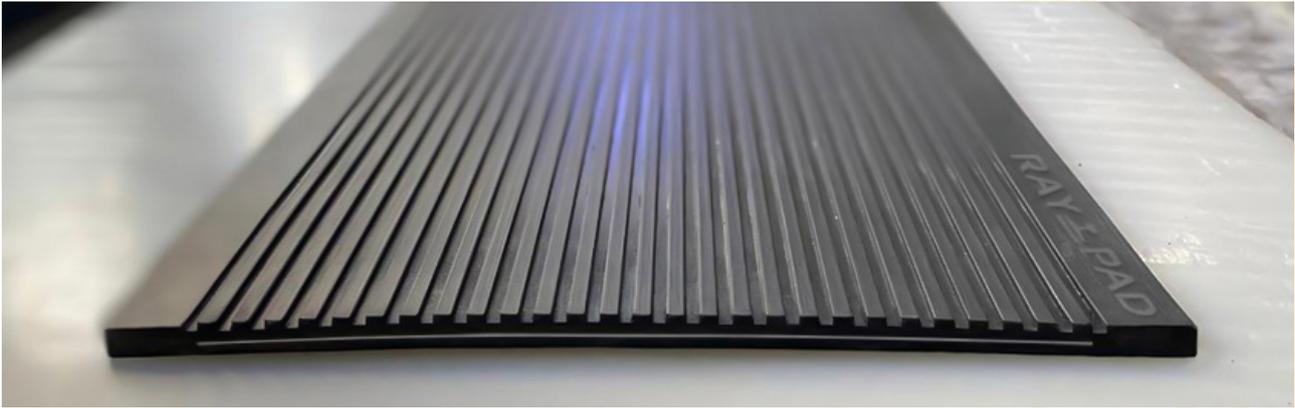
AVAILABLE SIZES

Ray Pad® continuous rail pads are produced in 12-meter long rolls and supplied in multiples of 12 m. They can be supplied in various widths for different rail types.



CODE	A	B-C	D
RP 100	100	7-8	70
RP 120	120	7-8	80
RP 135	135	7-8	100
RP 145	145	7-8	100

CODE	A	B-C	D
RP 170	170	7-8	130
RP 195	195	7-8	155
RP 215	215	7-8	170
RP 315	315	7-8	265



TECHNICAL SPECIFICATIONS

Ray Pad® rail pads are periodically subjected to mechanical tests in both native and international institutions. Following table shows average values obtained from the tests performed. These technical analysis reports could be supplied as PDF documents upon request.

SPECIFICATIONS FOR RUBBER MATERIAL

Hardness	75 (+/- 5) Shore A
Tensile strength	18 MPa
Elongation	320%
Compression set	Max 5% (Max 20% after aging)
Rebound resiliency	40%
Working temperature	-30 C° / +90 C°

SPECIFICATIONS FOR STEEL LAYER

Specification	DKP Full Hard 0.5 mm
Yield strength	235,4 kg / mm
Tensile strength	340,3 kg / mm
Elongation	34%

C %	MN %	P %	S %	SI %	AL %
0,041	0,22	0,012	0,013	0,014	0,05

RAY PAD

Please visit our web site to learn more about our company and products.

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