

RAY PAD® CRANE RAIL PAD

Ray Pad is an end-product made from synthetic elastomer and is used in heavy crane roads and between rail and supporting structure.

It is manufactured in various widths determined according to rail base dimensions and standard length of 12m. However, it may be manufactured in different lengths and sizes due to special demands.

RAY PAD® SPECIFICATIONS

Shore	75 ±5
Max. Tensile Strength	12,7 N / mm ²
Elongation	255% (200% after aging)
Working Temperature	-30° to +110 C°
Vibration Reduction	45% - 50%
Noise Reduction (dbA)	12%
Permanent Set	<5% (<20% after aging)

- It reduces noise and structural vibration.
- It dampers irregular contact between rail and ground.
- Ray Pad ensures superior adherence thanks to its grooved surface.
- It is completely resistant against water, oil, ozone, grease and fungal.
- It spreads wheel load in a wide area and thereby decreases pressure which may occur on a single area.
- Rubber bracket has been strengthened by means of steel reinforce contained in inner side. So its strength against crushing and widening has been increased.
- It has feature of a great degree of recovery.
- It decreases maintenance works of crane road.
- It protects crane mechanism, and makes life of carrier, axle and wheel longer.

INSTALLATION SUGGESTIONS

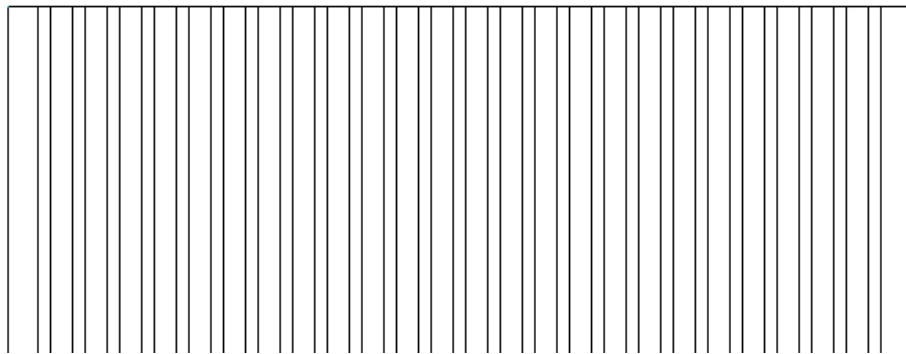
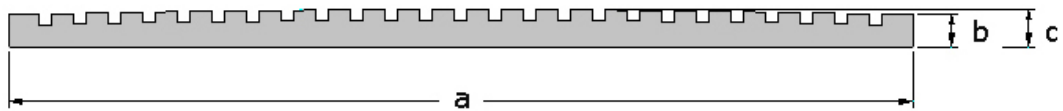
Ray Pad provides pads in type and size which changes according to requirement.

First of all, rail pad in accordance with rail used should be selected. Ray Pad may be used in both interior and outer locations.

Upper surface supporting rail should be removed from oils and sharp, pointed, slipping and wearing materials which may give damage to pad. Pads should be laid down on supporting surface as a whole so that no gap exists between them and its grooved surface should be faced upwards. Pads should be centralized according to bottom edges of rail and should be in such a way that their upper parts will be covered completely.



RayPad is manufactured in a standard length of 12m.



Available Dimensions

PAD TYPE	a	b	c
RP 80	80 mm	6-7 mm	7-8 mm
RP 90	90 mm	6-7 mm	7-8 mm
RP 100	100 mm	6-7 mm	7-8 mm
RP 120	120 mm	6-7 mm	7-8 mm
RP 130	130 mm	6-7 mm	7-8 mm
RP 145	145 mm	6-7 mm	7-8 mm
RP 170	170 mm	6-7 mm	7-8 mm
RP 190	190 mm	6-7 mm	7-8 mm
RP 195	195 mm	6-7 mm	7-8 mm
RP 210	210 mm	6-7 mm	7-8 mm
RP 315	315 mm	6-7 mm	7-8 mm



Pad Selection by Rail Type

RAIL TYPE	RAIL FLANGE WIDTH	PAD TYPE	PAD WIDTH
A-45	125 mm	RP 120	120 mm
A-55	150 mm	RP 145	145 mm
A-65	175 mm	RP 170	170 mm
A-75	200 mm	RP 195	195 mm
A-100	200 mm	RP 195	195 mm
A-120	220 mm	RP 210	210 mm
A-150	220 mm	RP 210	210 mm