

CRANE RAIL PAD

Rail 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 12,00 meters. However, it may be manufactured in different lengths and sizes due to special demands.

RAIL PAD SPECIFICATIONS	
Hardness Shore A [ShA] ISO 48-4	75± 5
Max. Tensile Strength [MPa] ISO 37	17,5 N/mm ²
Elongation at break [%]	≥ 305
Elongation at break [%] (After Aging)	≥ 240
Working Temperature [C°]	-25 to 100
Vibration Reduction	45% - 50%
Noise Reduction (dbA)	12%
Compression Set at 23 °C ISO 815-1	%5 Max

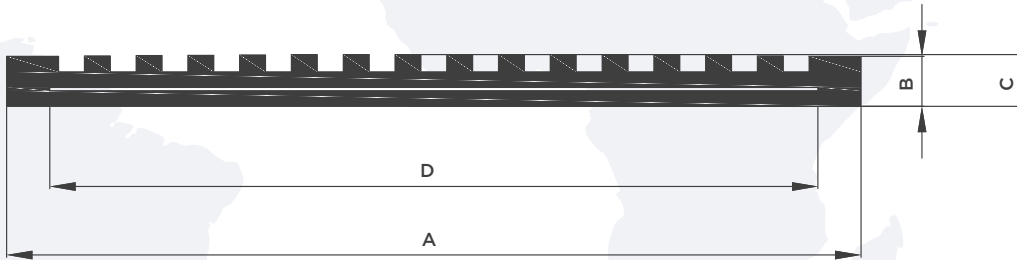
- It reduces noise and structural vibration.
- It dampers irregular contact between rail and ground.
- Rail pad ensures superior adherence thanks to its grooved surface.
- It is completely resistant against water, oil, ozone, grease and fungal.
- It spreads wheel load in a wide area and thereby decreases 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

Rail 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. Rail 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.



PAD CODE	KG/m	A	B-C	D	RAIL
RP 100	1,30	100	6-7	70	S30, S33
RP 120	1,50	120	6-7	80	A45, S49
RP 135	1,70	135	6-7	100	CR73
RP145	1,85	145	6-7	100	A55, CR100
RP 170	2,10	170	6-7	130	A65
RP 195	2,35	195	6-7	155	A75, A100
RP 215	2,70	215	6-7	170	A120, A150

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