

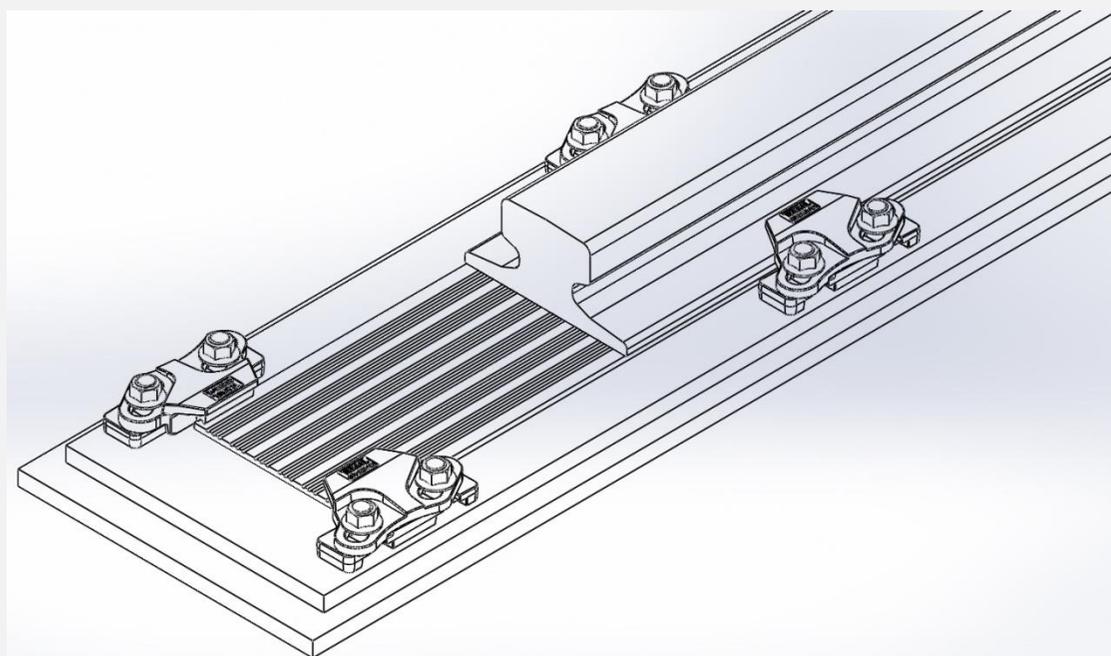
Crane rail pad
 THRAIL crane rail pad has two types-continuous rail pads and individual rail pads. Continuous rail pads are made of vulcanised nitrile rubber with wear resistance, compression resistance, oxidation resistance, anti ultraviolet

radiation and oil resistance. The grooves on the surface can ensure the rail pad tightly contact with its support to reduce the abrasion. The continuous rail pad is reinforced with a steel strip to ensure high lateral stiffness and prevent movement from below the rail. The steel strip is thin enough, so that the rail pad can be rolled when transportation. The width of the steel strip is proportional to the width of resilient pad. They are widely used in ports, shipbuilding, steel plant, coking plant, cement plant, electrical power plant and other industries.

Temperature range:
 -25°C~100°C

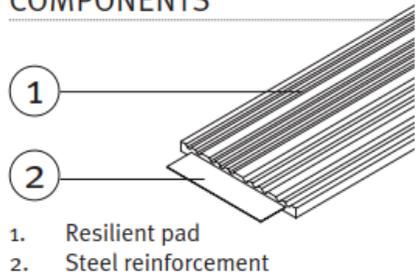
TYPE	WIDTH (W mm)
MK7-098	98
MK7-118	118
MK7-128	128
MK7-134	134
MK7-147	147
MK7-157	157
MK7-168	168
MK7-195	195
MK7-215	215

CONTINUOUS RAIL PADS



THRAIL continuous rail pads united the most advanced production and manufacturing technique. There are steel strips inserts in the rail pads and grooves on the pads. Abrasive blasting on the surface of steel strips after pickling and oil removal makes the steel strips and pads glued more strongly after vulcanization, and the chemical composition and mechanical property reach national standard. Continuous rail pad is specially designed for continuous structure supporting rail installation in ports, wharves, shipbuilding industries. Our long years experience in supply and installation has proved that the application of continuous rail pad is excellent.

COMPONENTS

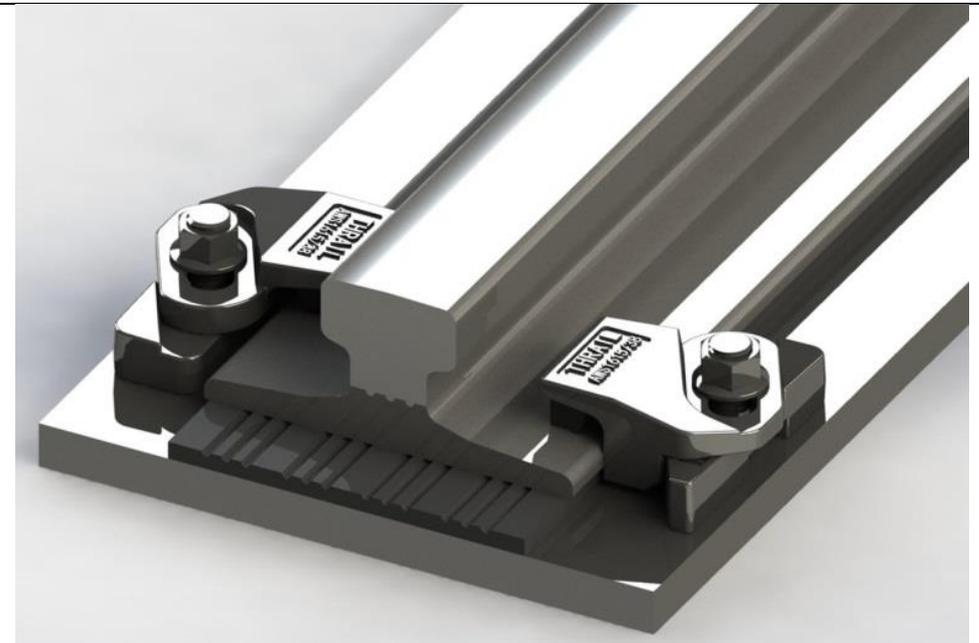


THRAIL CRANE RAIL PADS

1.It reduces noise and structural vibration,It is manufactured with stress and wear resistant synthetic elastomer.fully incorporates a special double textile structure which makes the pad transversally rigid, consequently, even in the most extreme operating conditions, the pad does not misplace laterally.

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

SPECIFICATIONS	
Material	Nitrile rubber
Shore	75 ± 5
Maximum Tensile Strength	12,7 N / mm ²
Elongation	255% (200% after aging)
Working Temperature	-25° – +100 C°
Vibration Reduction	45% - 50%
Noise Reduction (dbA)	12%
Permanent Set	<5% (<20% after aging)
Lengths available	12m



INSTALLATION INSTRUCTIONS:

Rail pad should be narrower than the rail it is supporting (nominally 5mm). The pad is normally supplied in 12 metre lengths. The flutes of the pad are placed facing upwards. The pad may be cut to precise length of rail. It can be cut with a hacksaw or jigsaw. No installed length of pad should be less than the spacing between three pairs of crane rail fixing clips. Before installing Mark 7 pad, the supporting area should be clean and free of oil, grease or any projections likely to damage the pad. It is preferable that the steel structure below the pad is not painted. If the rail is to be welded the pad should be protected from excessive heat during welding by being removed under the weld or by being protected with a thermal barrier. Our technical department will be pleased to advise on the suitability of Mark 7 pad in specific installation conditions.