

High Elongation Strap



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Packing Steel Strap

Reliability in hot phases

Some applications require maximum flexibility of the strap. TITAN developed the extremely elastic Megaflex I for precisely these purposes.

It is particularly suitable for use in the wire industry and in special hot coil applications that are exposed to enormous temperatures during bell annealing and thus become strongly deformed. The material is subject to a great deal of stress and requires high temperature stability. Megaflex I with an elongation of 18% can absorb particularly high dynamic loads during transport extremely well. It ensures maximum reliability, even when things get hot.

Technical Data

Dimensions	from 19 x 0.63 mm to 32x1,0 mm from 3/4 x 0.025" to 1 1/4 x 0.039"
Tensile strength	≥ 750 N/mm ²
Breaking load approx.	up to 23,800 N 5,350 lbf
Elongation (A5) min approx.	≥ 18 %
Surface	blued: by heat treatment, waxed black painted: coating thickness 1 - 2 µm waxed zinc painted coating thickness 5 µm waxed zinc plated: on request, waxed

Coiling	ribbon wound, oscillated wound
Form of delivery	skid pallets, frames for jumbo coils, special skids on request
Certification	quality management: DIN EN ISO 9001 energy management: DIN EN ISO 50001