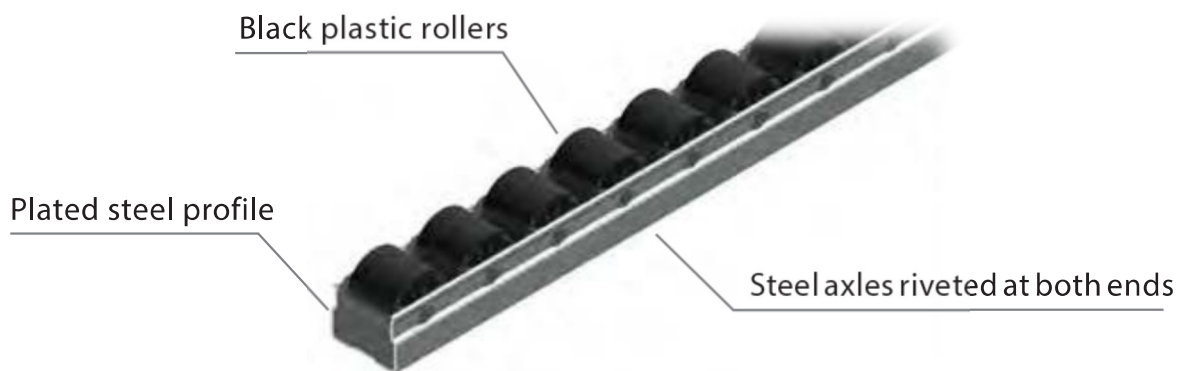




Roller Tracks

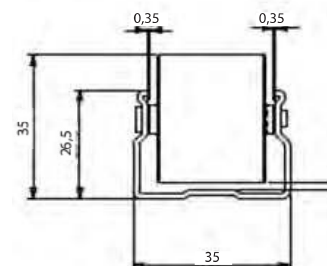
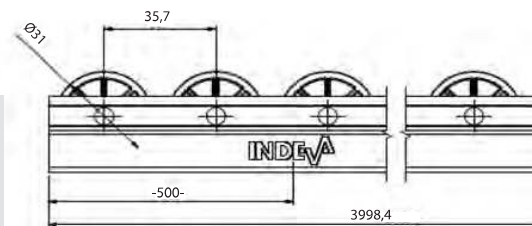
Technical specifications

The INDEVA® conveyor track is used for the assembly of flow racks and gravity conveyors for handling boxes and packages in a reliable and maintenance-free way. The INDEVA® conveyor track is made of a plated steel profile with rollers mounted by means of steel axles riveted at both ends for higher resistance.



Dimensions and specifications

- Plated steel profile thickness 1.25 mm, height 26.5 mm, width 35 mm
- Total height 35 mm
- Roller diameter 31 mm, high load capacity (max. 150 kg.)
- Centre of Rollers distance 35.7 mm
- Steel axle diameter 3.75 mm
- Track length 4 meters
- Use within the temperature range 0°C and 40°C

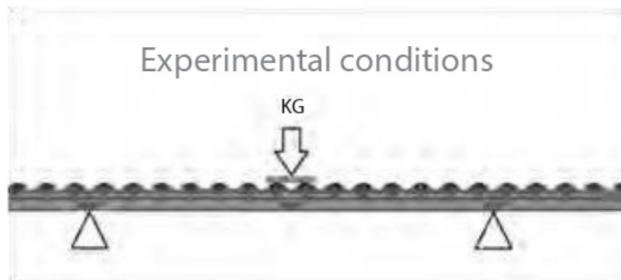


Roller Load capacity

The test has been run placing a load on the roller and increasing the load weight until permanent deformation of the roller occurred. Permanent deformation has been experienced at 150 kg. The sliding smoothness has no changes with loads up to 30 kg.



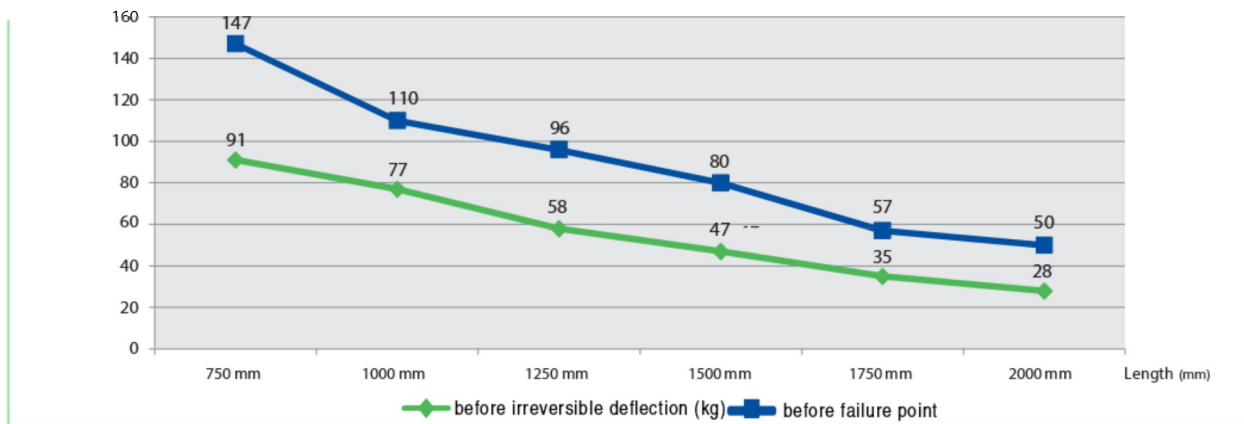
Bending strength of roller track



A force has been centrally applied on two rollers of a track resting on two supports positioned one at each side of the two rollers at equal distance. The weight value of the load that would permanently deform the track and that would break the track has been measured.

Results are in the following table.

Max load capacity on two rollers centrally applied



Sliding smoothness

Experimental conditions

Test has been run measuring the minimum angle at which a box (weight 1 kg) with rigid bottom (dimensions 40x40mm) starts sliding on a roller track. From the horizontal position the roller track has been progressively inclined up until when the box starts moving.



Result

The box starts moving at $\alpha=1.5^\circ$, high speed is reached at $\alpha=2.5^\circ$ inclined up until when the box starts moving.

Roller Tracks & Plastic Guides

R400	Roller track-Heavy duty-400cm	L = 4 m.
 <p>The image shows the R400 roller track in two views. On the left, the track is shown with its rollers and a single roller component. On the right, the track is shown with a grey cable passing through it, demonstrating its application.</p>		
R400-ESD	Roller track-Heavy duty-400cm ESD	L = 4 m.
 <p>The image shows the R400-ESD roller track in two views. On the left, the track is shown with its rollers and a single roller component, along with a yellow ESD warning symbol. On the right, the track is shown with a grey cable passing through it, demonstrating its application.</p>		
R400D	Roller track-Double-400cm	L = 4 m.
 <p>The image shows the R400D roller track in two views. On the left, the track is shown with its rollers. On the right, the track is shown with a grey cable passing through it, demonstrating its application.</p>		
RS400	Roller track-Sided rollers-400cm	L = 4 m.
 <p>The image shows the RS400 roller track in two views. On the left, the track is shown with its rollers. On the right, the track is shown with a grey cable passing through it, demonstrating its application.</p>		
U400	U-profile for board support	L = 4 m.
 <p>The image shows the U400 U-profile in two views. On the left, the U-profile is shown. On the right, the U-profile is shown with a grey cable passing through it, demonstrating its application.</p>		

Roller Tracks

RGC40W

Central guide white (400)

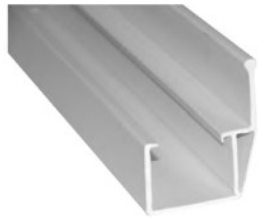
L = 4 m.



RGL1040W

Lateral side guide white (400x10x40). Shoulder 10 mm

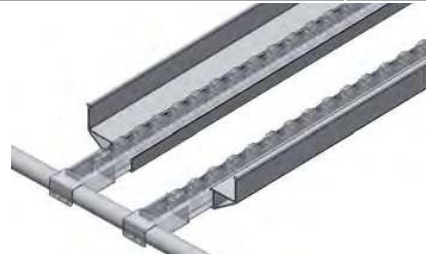
L = 4 m.



RGL4040W

Lateral side guide white (400x40x10). Shoulder 40mm

L = 4 m.



RBK

Roller track brake strip mod. R400



RD50

Multi directional roller track (roll diameter mm. 50)-100cm

L = 1 m.



RD60

Multi directional roller track (roll diameter mm. 60)-100cm

L = 1 m.











RD80

Multi directional roller track (roll diameter mm. 80)-100cm

L = 1 m.



Support Accessories

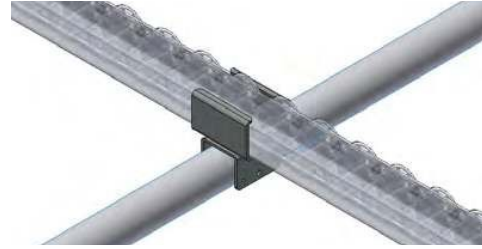
JR	Roller track bracket	50 pcs.
		
JRS	Roller track bracket with straight stop	50 pcs.
		
JRL	Roller track bracket with drop stop	50 pcs.
		
JRD	Roller track union bracket	50 pcs.
		

Support Accessories

JRX

Cross over roller track bracket

50 pcs.



JR33

Roller track bracket 33mm

50 pcs.



JRS33

Roller track bracket with stop 33mm

50 pcs.



JRA

Adapter for tube support (to be used with JR-JRS-JRL-JRD-JRX)

50 pcs.

