



1 l_1	2 l_2	3 l_3	d	Rollers per track	Load			
					per track in N/m		per roller in N	
					PA	TPU	PA	TPU
270	15	7,5	14,5	18	13330	1333	200	20
270	27	13,5	25	10	13330	5550	360	150

Specification

- Roller carriage housing
Polyacetal (POM)
- Black
- Temperature resistant up 90 °C
- Rollers
Polyamide
- Black
- Temperature resistant up 90 °C
Thermoplastic polyurethane
- Gray
- Temperature resistant up 70 °C
- Elastic (92 Shore A)
- Impact-proof
- Plastic Characteristics → Page 2158
- RoHS

On request

- Rollers in other colors

3

Information

Used in aluminum carrier rail profiles GN 646.3, roller tracks GN 646.1 create roller rails for use e.g. in flow racks, packing and picking stations and for linking work processes.

The roller tracks are snapped vertically into the carrier rail profile or pushed in place in the axial direction. No mounting hardware is required. The tracks can be dismantled in reverse order which also allows individual roller tracks to be replaced easily.

The roller axles are made of plastic and so guarantee a quieter, low friction and maintenance-free function. The rollers made of elastic polyurethane (TPU) are used preferably for delicate material to be conveyed.

If required, the roller tracks are easily separated at intervals of 27 mm. Used with carrier rail profiles cut to appropriate lengths, specific roller rail lengths can be created.

see also...

- Carrier Rail Profiles GN 646.3 (Aluminum) → Page 2011
- Ball Track GN 646.2 (for Multi-Directional Movement) → Page 2010
- Further Accessories for Roller Track and Ball Rail Assemblies → Page 2012 ff.

How to order

GN 646.1-270-27-TPU

1	l_1
2	l_2
3	Material (Rollers)

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9

