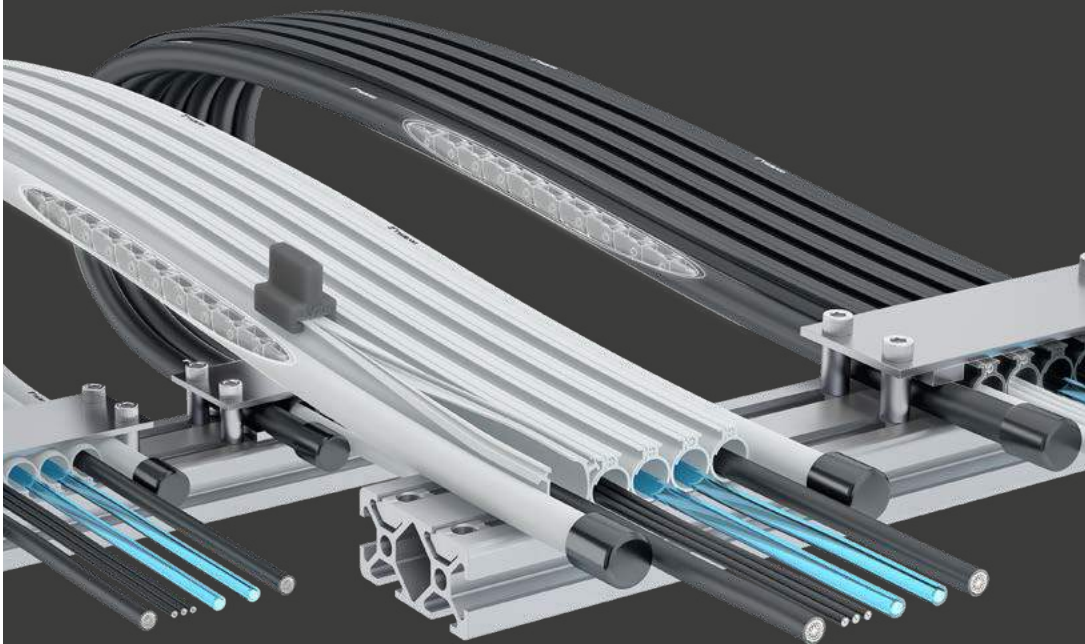


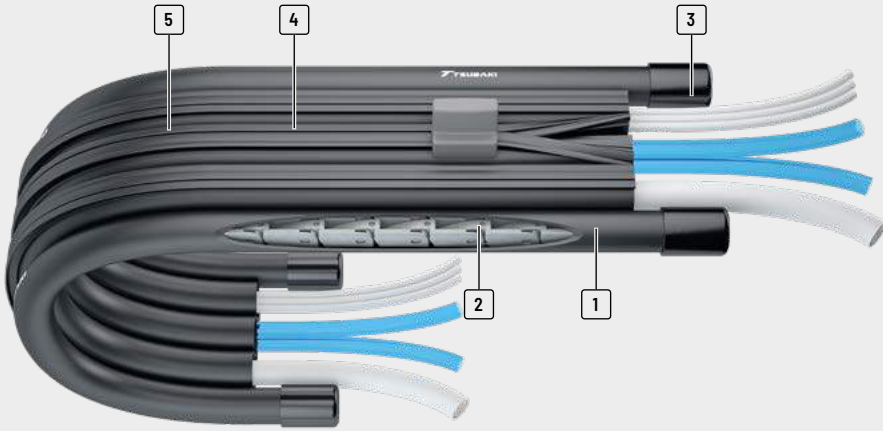
FLATVEYOR® ZP

Sustainable cable management
system solution for cleanroom
applications



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- 1 Openable tubes
- 2 Very easy to close for openable tubes with a supplied tool
- 3 Stopper for support members
- 4 Support members with both sides for a free-standing guiding
- 5 Covered tube for support members

Features

- » No friction occurs: Clean class ISO Class 2 based on in-house test results. Solve particle issues generated from the friction of cable carriers and cables
- » Very easy & convenient to replace and use your own cables and tubes at your site
- » The particularly durable and smoothly moving hoses can be easily opened and closed with the supplied tool
- » Sustainable & Cost down!
- » Cable replacement does not require changing the complete system
- » Quiet
- » Compact & lightweight
- » Specifications can be determined easily and quickly



clean



Easy replacement of cables and hoses



Clean class equivalent to ISO class 2



Available in black or white

FLATVEYOR® ZP

FLATVEYOR® ZP combines the advantages of a FLATVEYOR (flat cable system) with the structure of a cable carrier. FLATVEYOR® ZP reduces the downtime and improves the productivity. Users benefit from a simple replacement process for cables and hoses. In addition, existing cables and hoses can be installed, which reduces costs and provides more sustainability in procurement. There is no need to replace the entire system.

FLATVEYOR® ZP is a free-standing flat cable system with internal support members to keep straight movement with a high speed.

No hopping, No sagging, No falling over sideways!

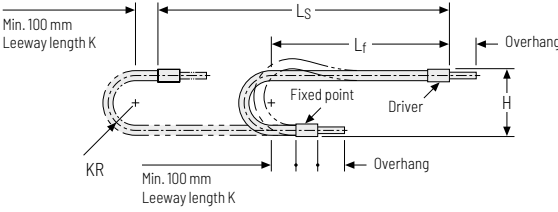
The support members act as reliable guides which can be moved in one direction along the intended minimum bending radius, whereby the cables and tubes are guided reliably.

About the openable tubes

- » TSUBAKI KABELSCHLEPP's original tube with excellent flexibility, durability and smoothness
- » Zip structure is a very flexible to open and close, but does not open when moving due to the high durability by our original tube
- » 2 Support members with both sides + openable tubes
- » Openable tubes: Selection is available from 1 to 8
- » Color: White or black is a standard model color



Unsupported arrangement



| KR [mm] | H [mm] | Travel length* ≤ [mm] |
|---------|---------|-----------------------|
| 70 | 223-243 | 1600 |
| 100 | 283-303 | 1800 |
| 130 | 343-363 | 1800 |

* with an additional load of 0.4 kg/m



Speed
up to 2 m/s



Acceleration
up to 2 m/s²

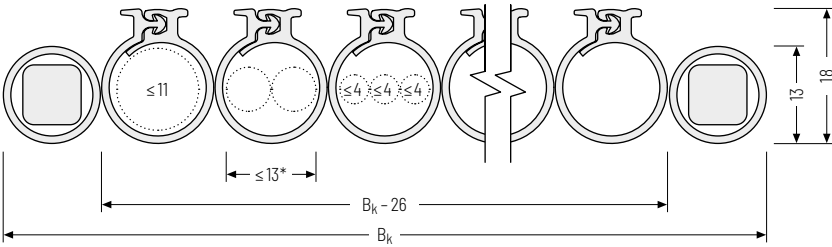


Temperature range
-10 to 60 °C



Cable-Ø
up to 11 mm

Dimensions

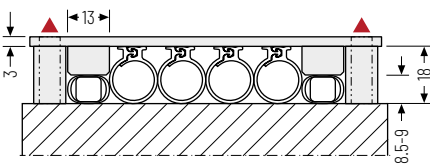


| Openable tubes | B _k [mm] | Openable tubes | B _k [mm] | Openable tubes | B _k [mm] | Openable tubes | B _k [mm] |
|----------------|---------------------|----------------|---------------------|----------------|---------------------|----------------|---------------------|
| 1 tube | 41 | 3 tubes | 71 | 5 tubes | 101 | 7 tubes | 131 |
| 2 tubes | 56 | 4 tubes | 86 | 6 tubes | 116 | 8 tubes | 146 |

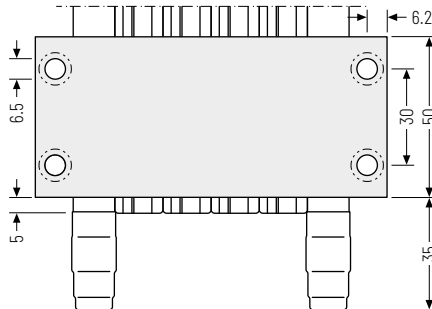
* The difference in outside diameters of adjacent cables and tubes should be 5 mm or less

Connection clamps - aluminum

The aluminum clamps can be connected from above or below.



▲ Assembly options



Subject to change without notice.

MT series

XLT series

ROBOTRAX® System

FLATVEYOR®

CLEANVEYOR®

LS/LSX series

S/SX series

S/SX-Tubes series

Accessories

TRAXLINE®