FLATVEYOR® ZP

Sustainable cable management system solution for cleanroom applications

Subject to change without notice.

TSUBAKI ECO LINK
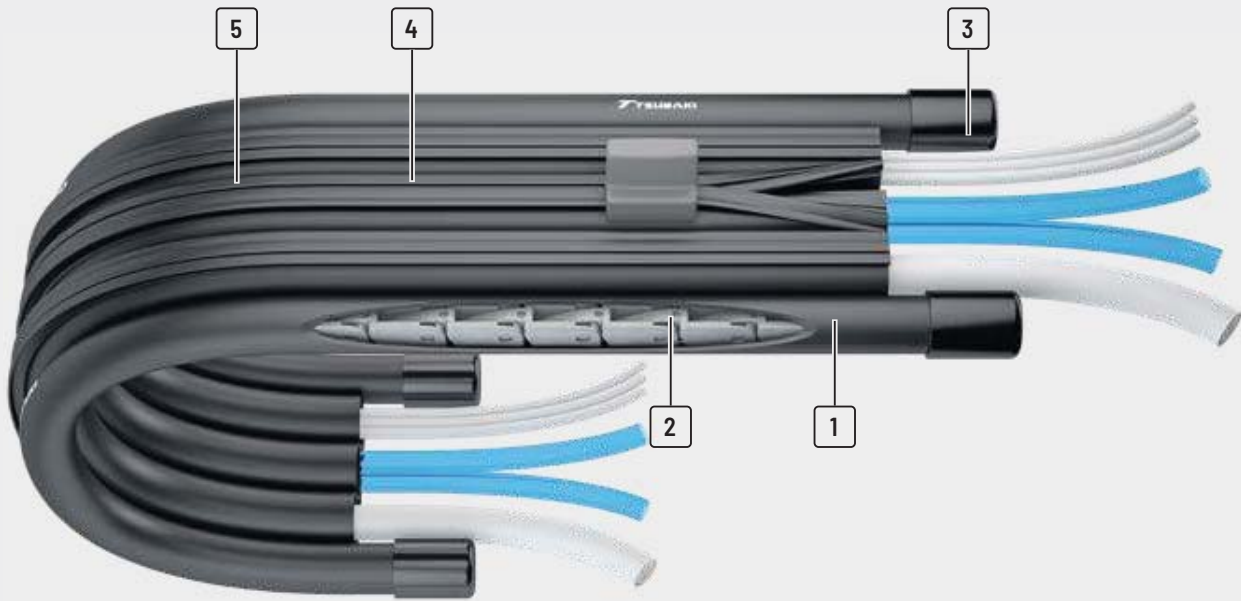
1 Openable tubes

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 sytem.

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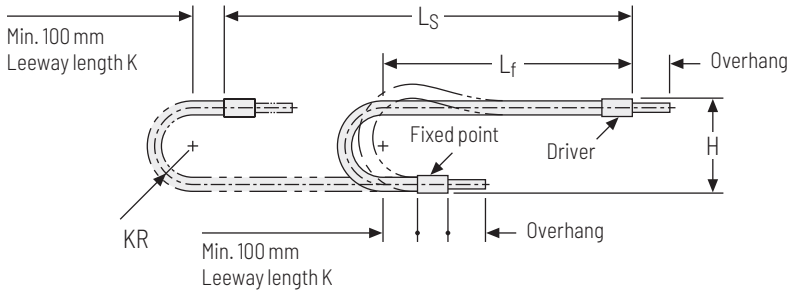
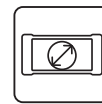| KR [mm]	H [mm]	Travel length* ≤ [mm]
70	223–243	1600
100	283–303	1800
130	343–363	1800

* with an additional load of 0.4 kg/m

Speed
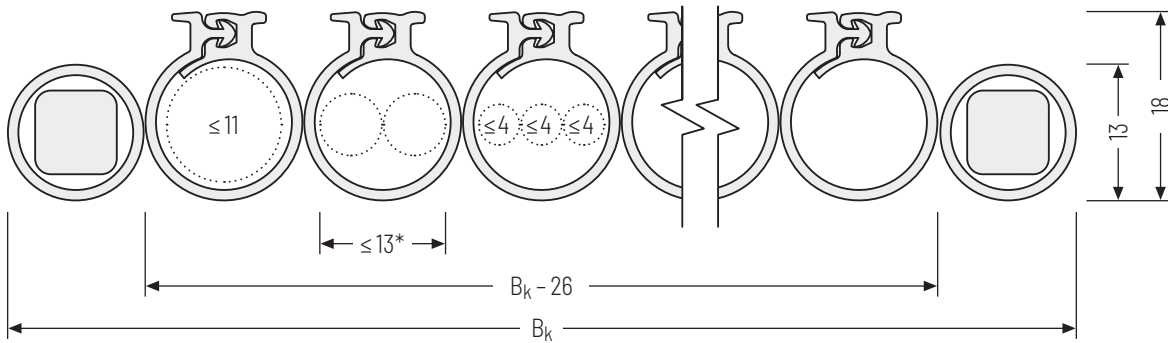up to 2 m/s

Acceleration
up to 2 m/s²

Temperature range
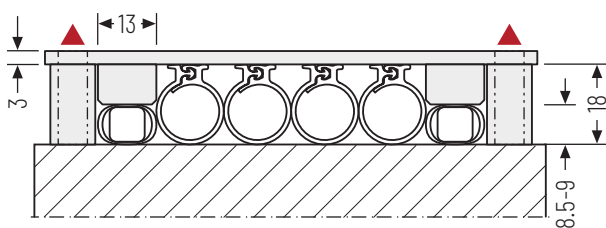−10 to 60 °C

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

MT series

XLT series

ROBOTRAX® System

FLATVEYOR®

CLEANVEYOR®

LS/LSX series

S/SX series

S/SX-Tubes series

Accessories

TRAXLINE®