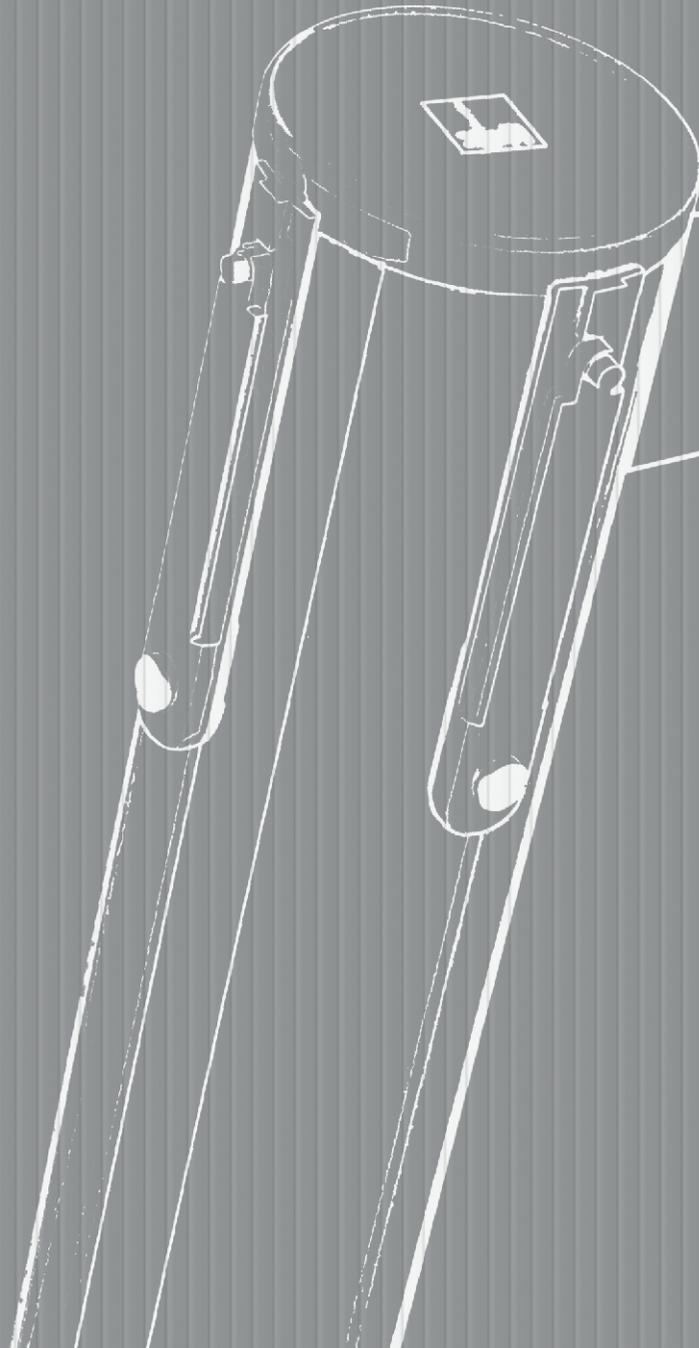




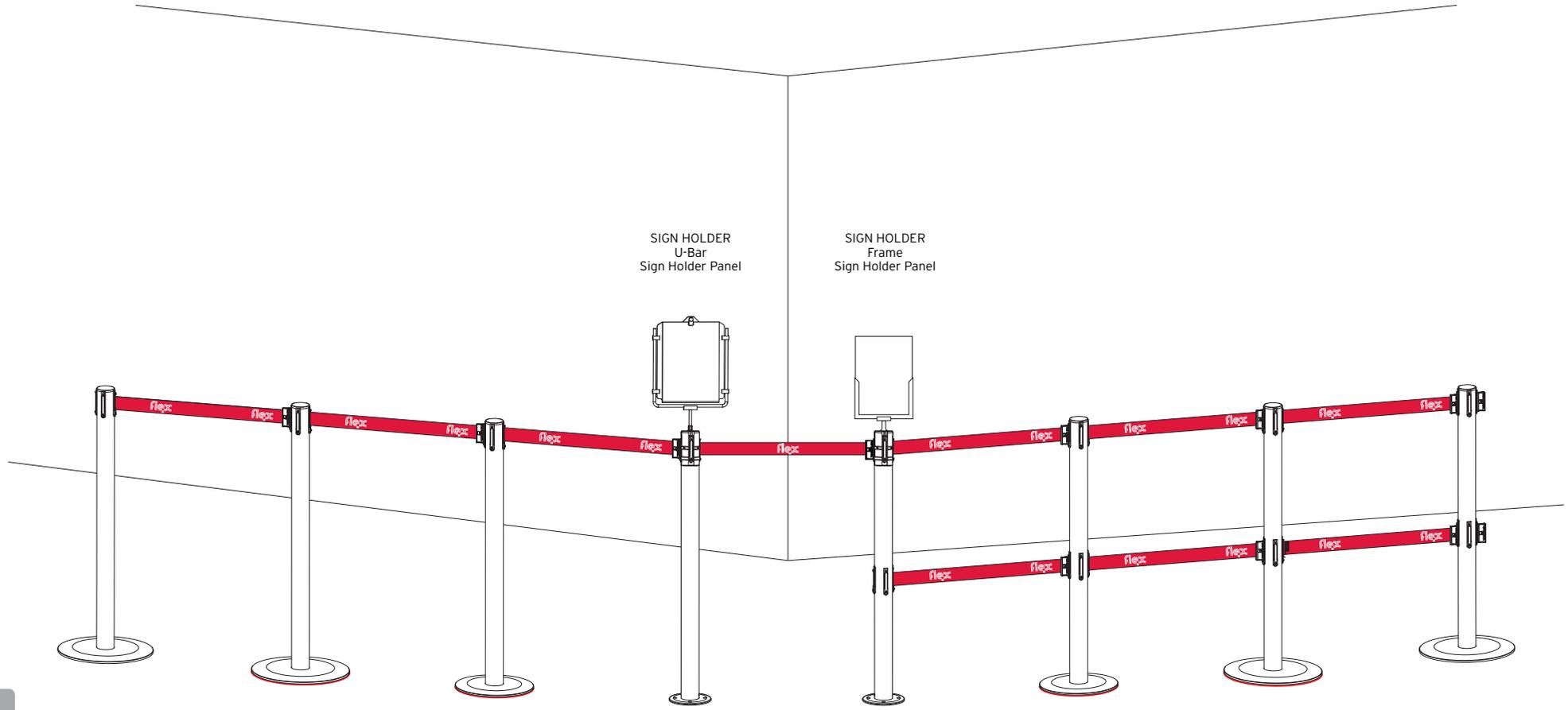
TENDIFLEX® SPORT

The original and traditional post at high resistance



TENDIFLEX® SPORT

APPLICATIONS



SIGN HOLDER
U-Bar
Sign Holder Panel

SIGN HOLDER
Frame
Sign Holder Panel

TENDIFLEX SPORT
Mobile base version
Ø350 mm

TENDIFLEX SPORT
Magnetic base version
Ø350 mm

TENDIFLEX SPORT
Magnetic base version
Ø280 mm

TENDIFLEX SPORT
Fixed version
Ø150 mm

TENDIFLEX SPORT DUAL LINE
Fixed version
Ø150 mm

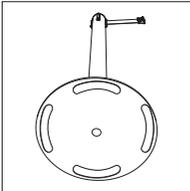
TENDIFLEX SPORT DUAL LINE
Magnetic base version
Ø280 mm

TENDIFLEX SPORT DUAL LINE
Magnetic base version
Ø350 mm

TENDIFLEX SPORT DUAL LINE
Mobile base version
Ø350 mm

TENDIFLEX® SPORT

system **SCHEME** and **CHARACTERISTICS**

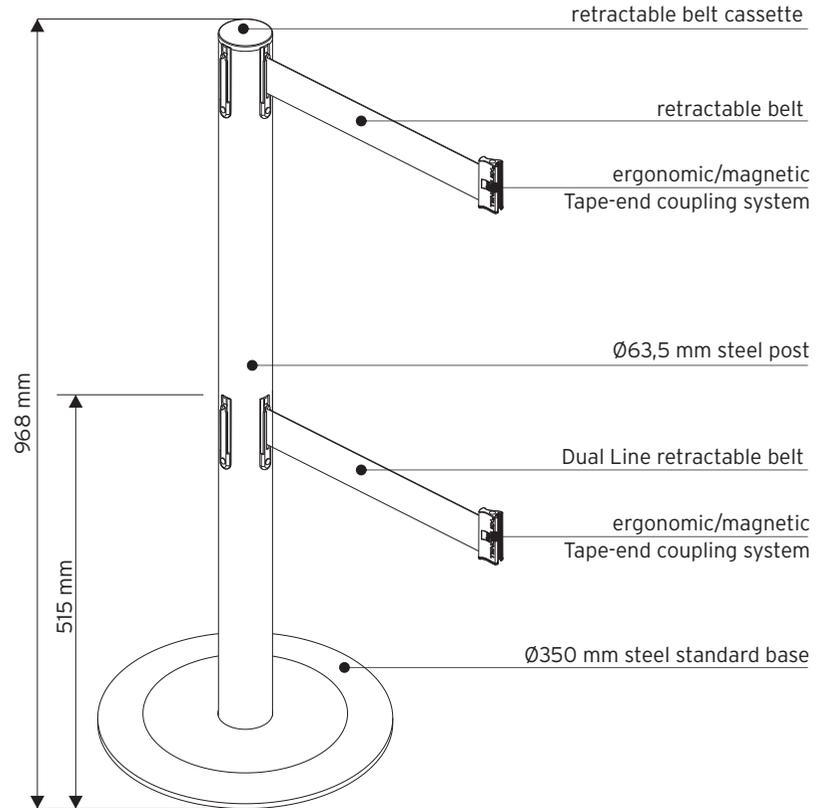
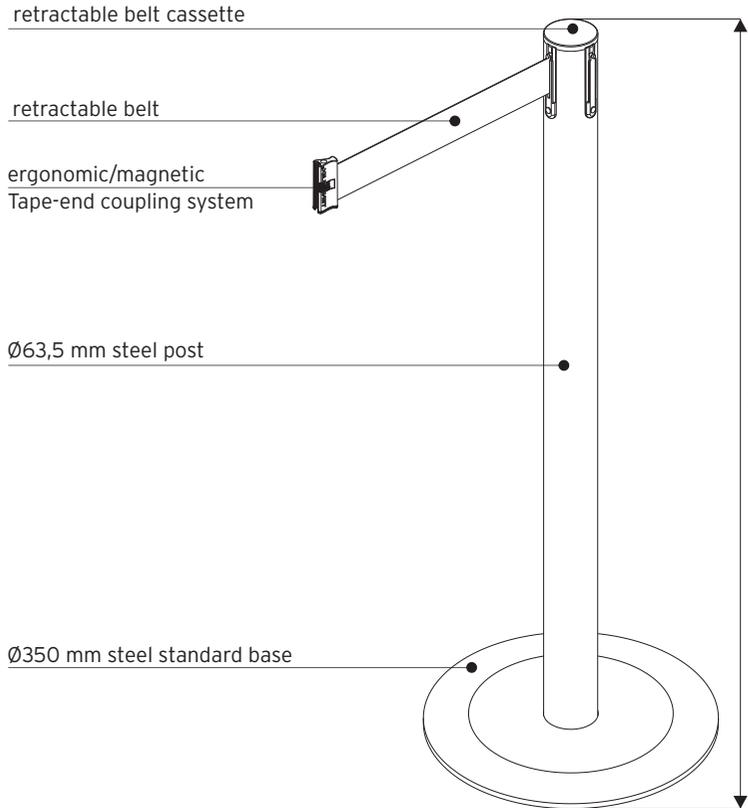
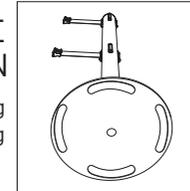


TENDIFLEX SPORT
MOBILE BASE Ø350 mm VERSION

Post weight: 12,0 Kg
Base weight: 9,5 Kg

TENDIFLEX SPORT DUAL LINE
MOBILE BASE Ø350 mm VERSION

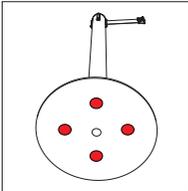
Post weight: 17,0 Kg
Base weight: 9,5 Kg



The post has been studied for ambients with high pedestrian traffic and grants the easy and efficient space organization. The Tendiflex Sport is so the best solution for the rational management of the queueing paths and to fulfill the safety requirements in open spaces.

TENDIFLEX® SPORT

system **SCHEME** and **CHARACTERISTICS**

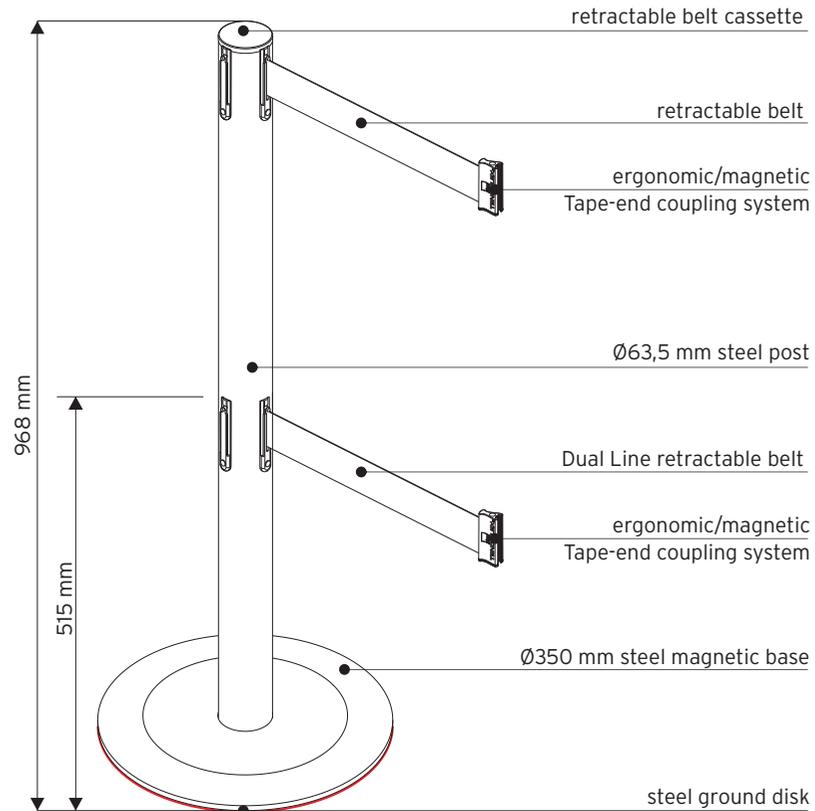
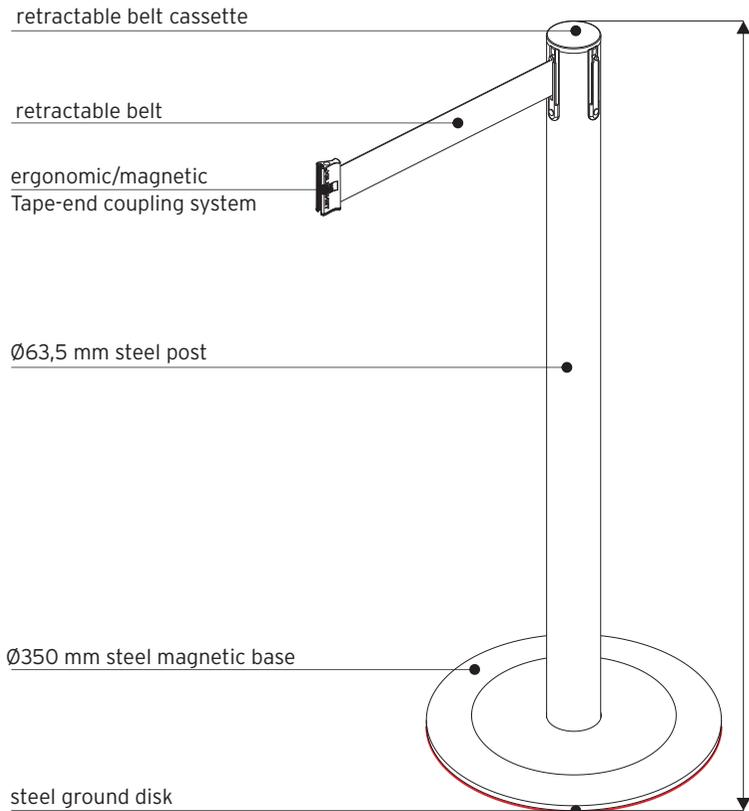
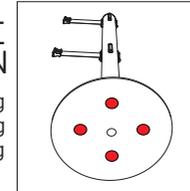


TENDIFLEX SPORT MAGNETIC BASE Ø350 mm VERSION

Post weight: 12,0 Kg
Ground disk (fixed on the floor): 1,3 Kg
Base weight: 9,5 Kg

TENDIFLEX SPORT DUAL LINE MAGNETIC BASE Ø350 mm VERSION

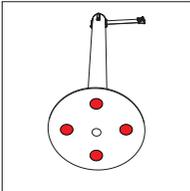
Post weight: 17,0 Kg
Ground disk (fixed on the floor): 1,3 Kg
Base weight: 9,5 Kg



The post has been studied for ambients with high pedestrian traffic and grants the easy and efficient space organization. The Tendiflex Sport is so the best solution for the rational management of the queueing paths and to fulfill the safety requirements in open spaces.

TENDIFLEX® SPORT

system **SCHEME** and **CHARACTERISTICS**

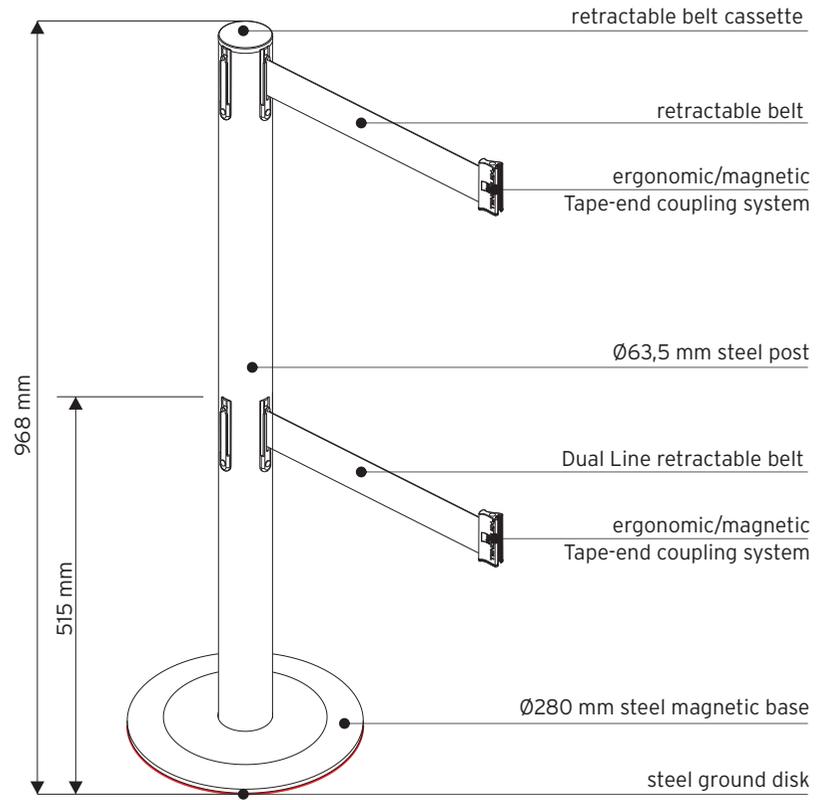
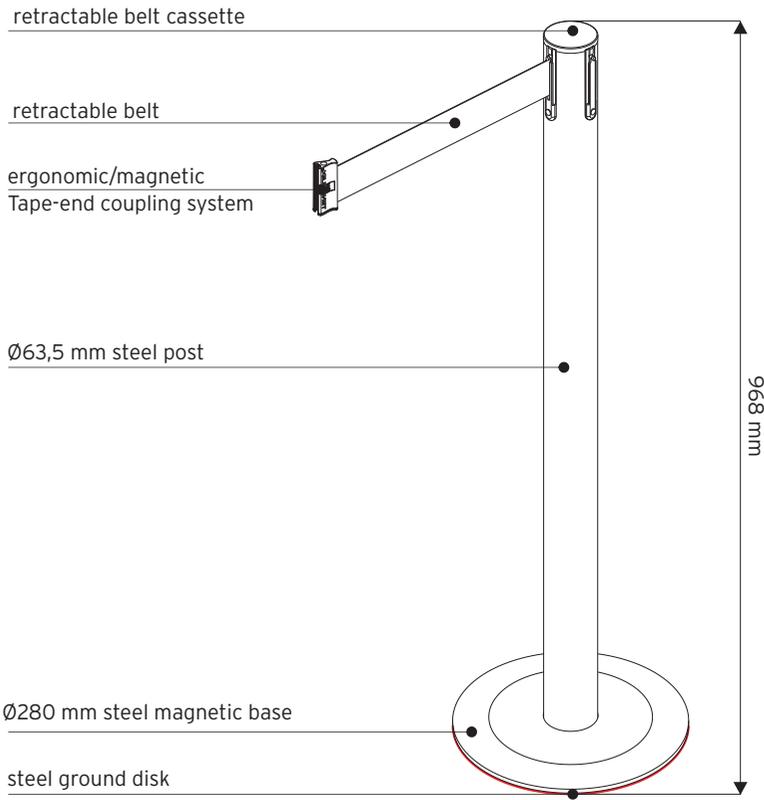
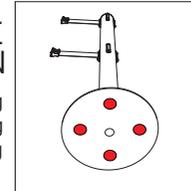


TENDIFLEX SPORT MAGNETIC BASE Ø280 mm VERSION

Post weight: 9,0 Kg
Ground disk (fixed on the floor): 1,3 Kg
Base weight: 6,5 Kg

TENDIFLEX SPORT DUAL LINE MAGNETIC BASE Ø280 mm VERSION

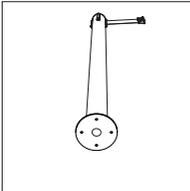
Post weight: 14,0 Kg
Ground disk (fixed on the floor): 1,3 Kg
Base weight: 6,5 Kg



The post has been studied for ambients with high pedestrian traffic and grants the easy and efficient space organization. The Tendiflex Sport is so the best solution for the rational management of the queueing paths and to fulfill the safety requirements in open spaces.

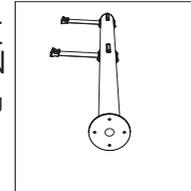
TENDIFLEX® SPORT

system **SCHEME** and **CHARACTERISTICS**



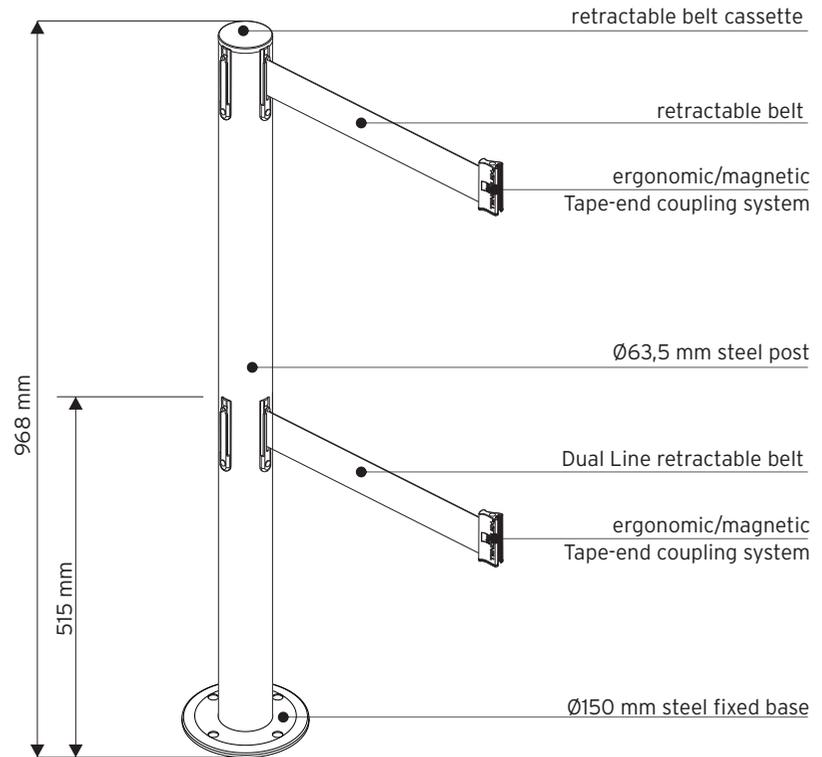
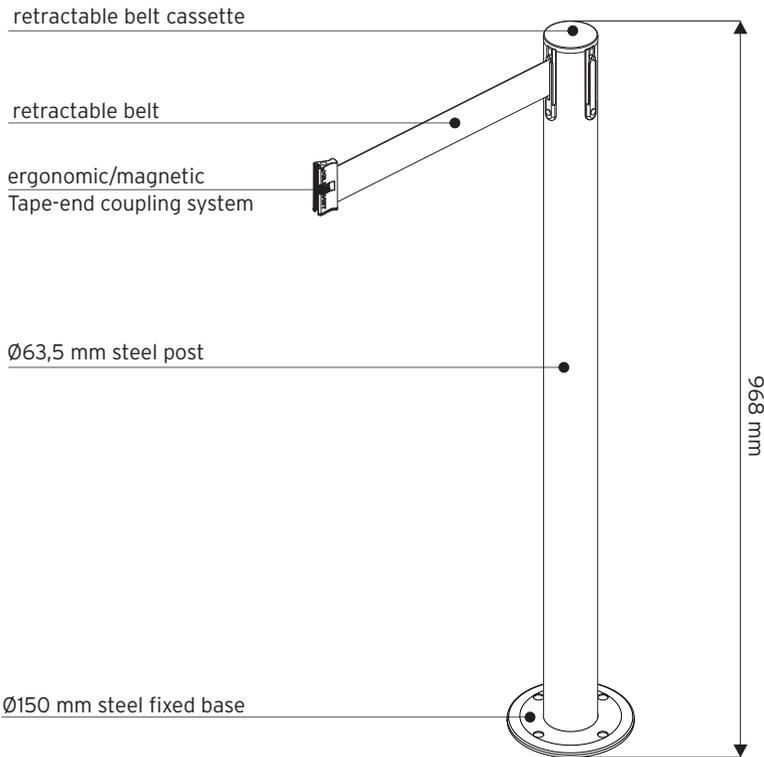
TENDIFLEX SPORT
FIXED BASE Ø150 mm VERSION

Post weight: 9,0 Kg



TENDIFLEX SPORT DUAL LINE
FIXED BASE Ø150 mm VERSION

Post weight: 9,0 Kg



The post has been studied for ambients with high pedestrian traffic and grants the easy and efficient space organization. The Tendiflex Sport is so the best solution for the rational management of the queueing paths and to fulfill the safety requirements in open spaces.

TENDIFLEX® SPORT

FINISHING and COLORS



BELT FINISHING



yellow



red



bordeaux



blue



brown



green



gray



black



neptune green

STEEL TO BE VARNISH

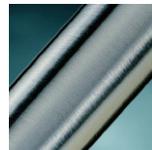


opaque black

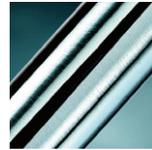
STEEL TO BE GALVANIZED



polished chrome



satin nickel



*satin stainless steel

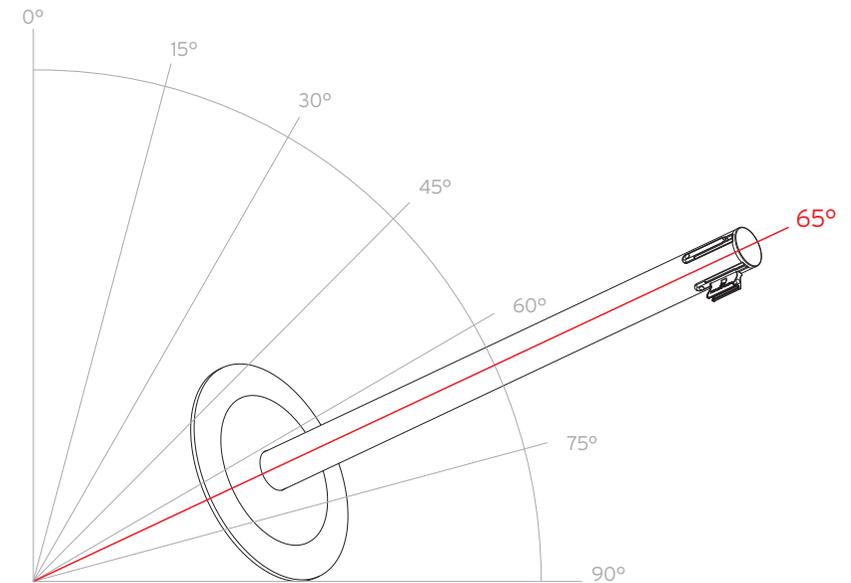
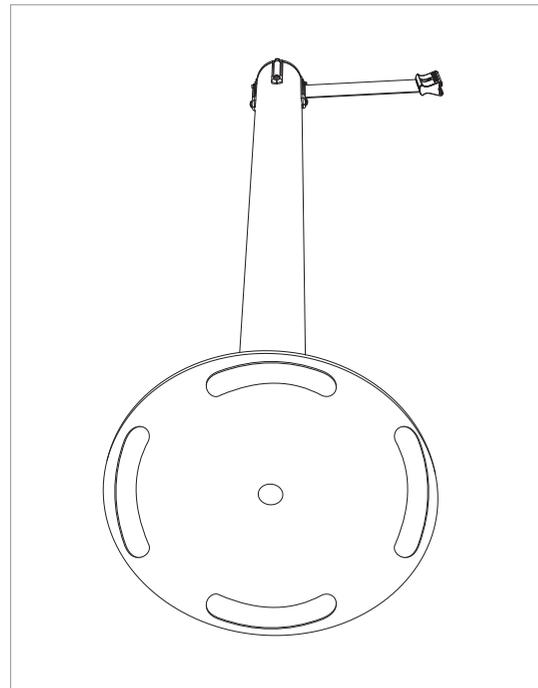
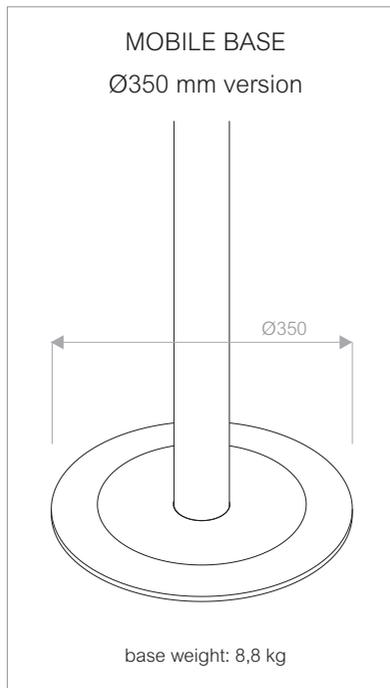
* only on request for special projects

TENDIFLEX® SPORT

Ø350 mm MOBILE BASE



The choice of a Ø350mm base, specifically designed to be used in high pedestrian traffic places, grant the easy and efficient management of the spaces, granting the best solution for the rational management of the flow and for the safety requirements in public places. The choice of the mobile base guarantee the best freedom in the configuration of the flow. This version is in fact advise for all those places where the queueing flow is often modify.



STABILITY CONDITIONS

A test has been made in order to determine how much can a Tendiflex Sport be tilt before it falls on the ground.

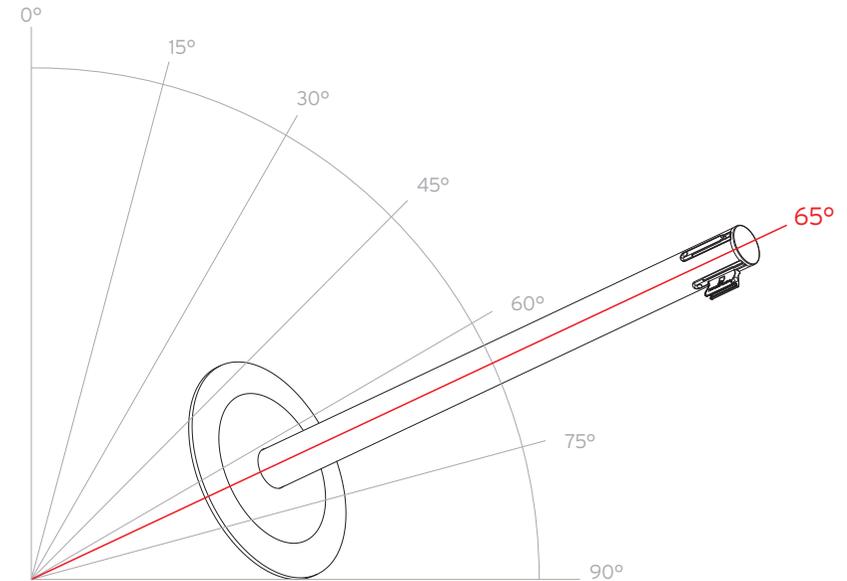
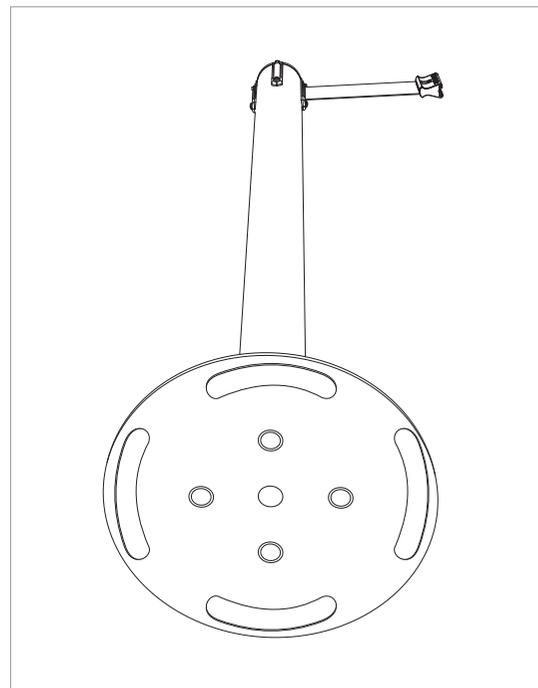
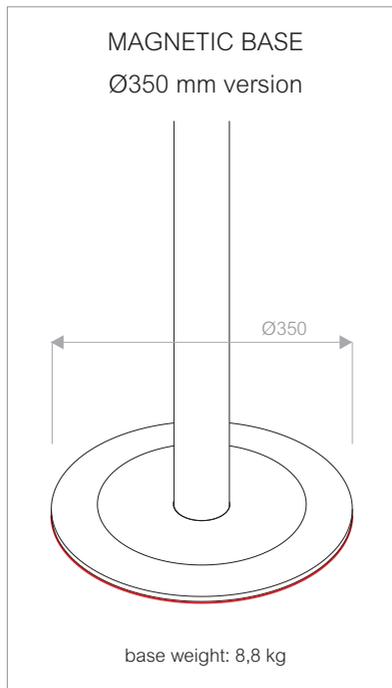
The results of the test shows that the post with the Ø350mm standard base has a maximum tilting angle of 65°.

TENDIFLEX® SPORT

Ø350 mm MAGNETIC BASE



The choice of a Ø350 mm magnetic base, specifically designed to be used in high pedestrian traffic places, grant the easy and efficient management of the spaces, granting the best solution for the rational management of the flow and for the safety requirements in public places. The magnetic version also permit to make a precise and clear queueing path even after several modifications to the path: the four magnets on the base grant the stability of the post even in an emergency situation.

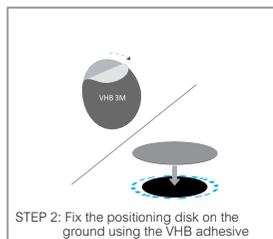
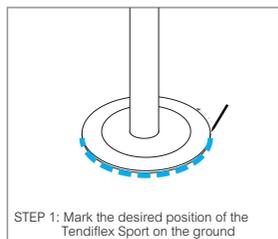


STABILITY CONDITIONS

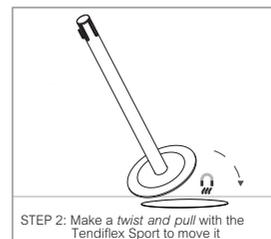
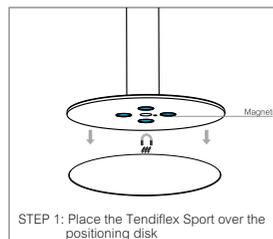
A test has been made in order to determine how much can a Tendiflex Sport be tilt before it falls on the ground. The results of the test shows that the post with the Ø350mm standard base has a maximum tilting angle of 65°.

In the study of the stability condition of the post is important to keep note that the force needed to tilt the entire system is very high thanks to the presence of the MAGNETIC BASE (the axial magnetic force oppose the tilting force)

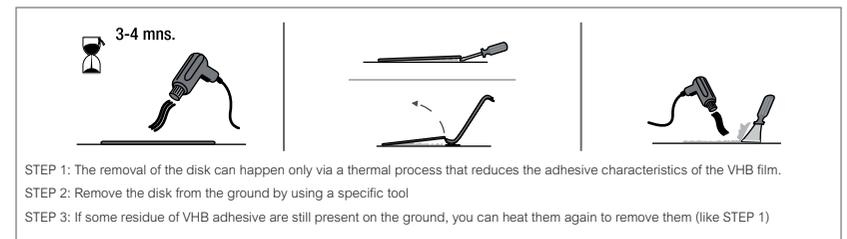
HOW TO INSTALL THE TENDIFLEX SPHERE MAGNETIC BASE



HOW TO USE AND MOVE THE TENDIFLEX SPHERE MAGNETIC BASE



HOW TO REMOVE THE METAL DISK:

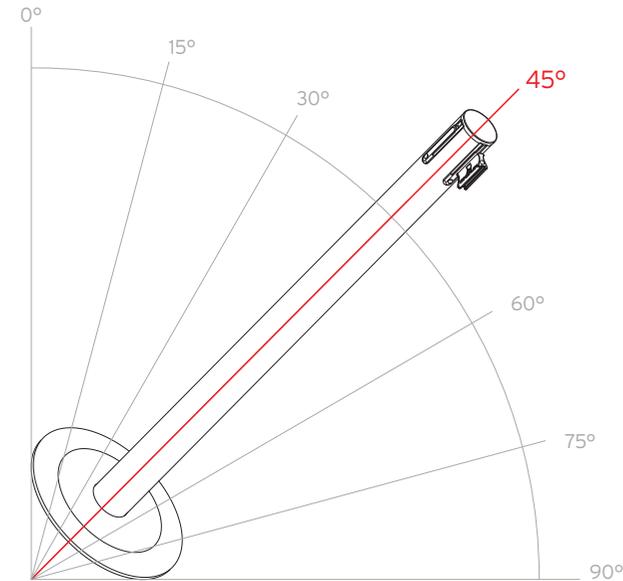
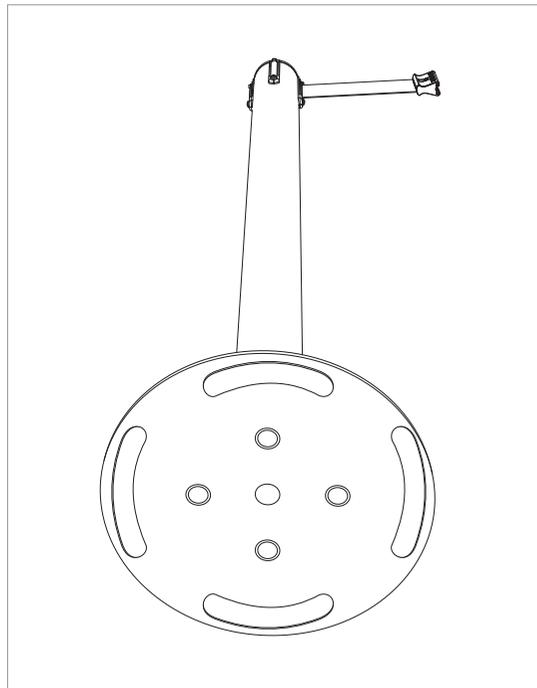
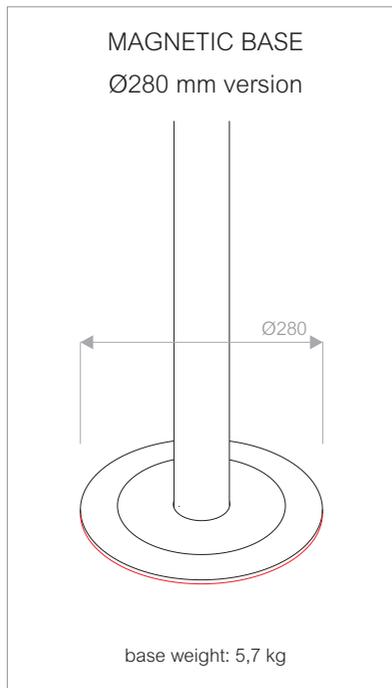


TENDIFLEX® SPORT

Ø280 mm MAGNETIC BASE



The choice of a Ø350 mm magnetic base, specifically designed to be used in high pedestrian traffic places, grant the easy and efficient management of the spaces, granting the best solution for the rational management of the flow and for the safety requirements in public places. The magnetic version also permit to make a precise and clear queuing path even after several modifications to the path: the four magnets on the base grant the stability of the post even in an emergency situation.

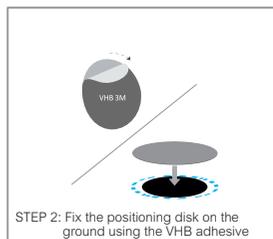
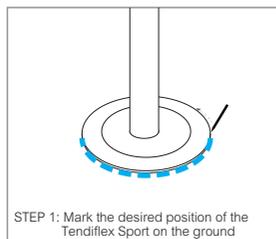


STABILITY CONDITIONS

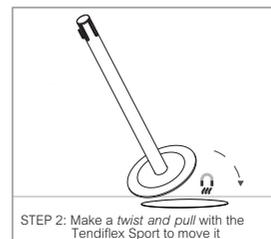
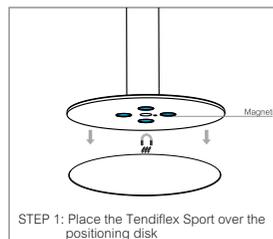
A test has been made in order to determine how much can a Tendiflex Sport be tilt before it falls on the ground. The results of the test shows that the post with the Ø350mm standard base has a maximum tilting angle of 45°.

In the study of the stability condition of the post is important to keep note that the force needed to tilt the entire system is very high thanks to the presence of the MAGNETIC BASE (the axial magnetic force oppose the tilting force)

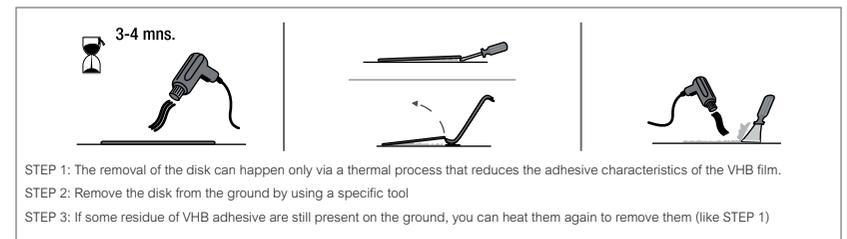
HOW TO INSTALL THE TENDIFLEX SPHERE MAGNETIC BASE



HOW TO USE AND MOVE THE TENDIFLEX SPHERE MAGNETIC BASE



HOW TO REMOVE THE METAL DISK:

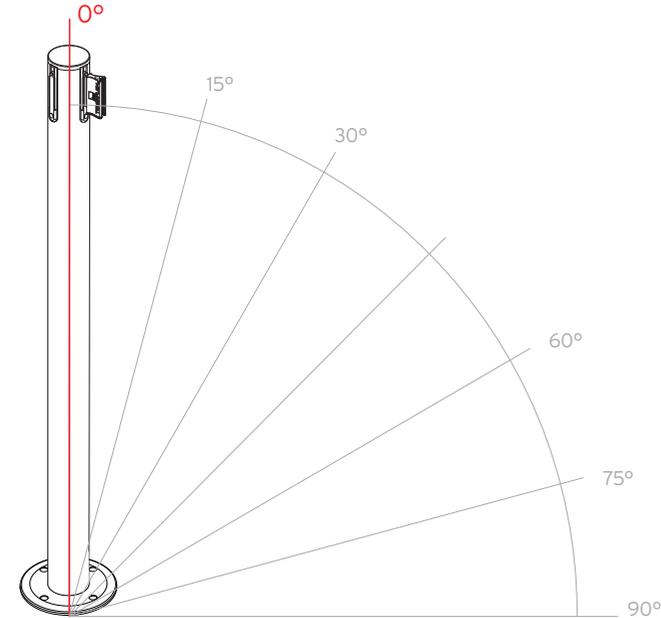
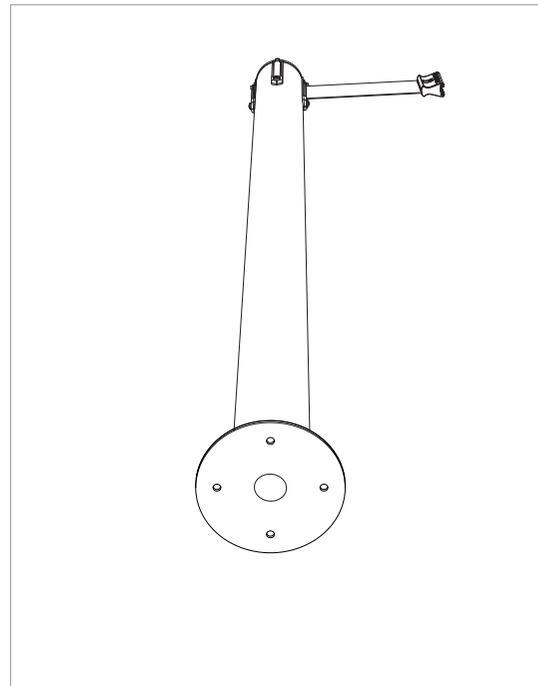
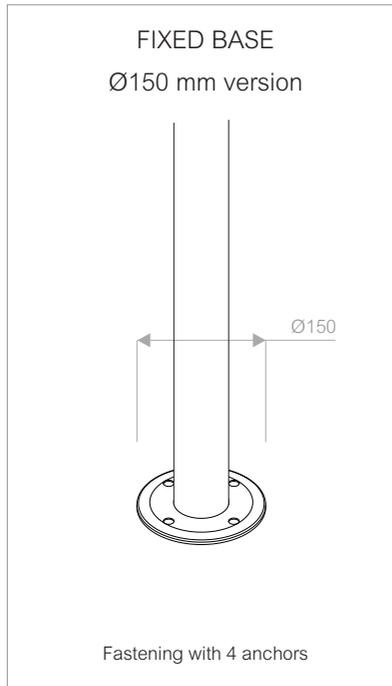


TENDIFLEX® SPORT

Ø150 mm FIXED BASE



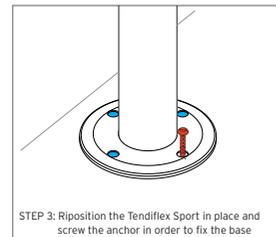
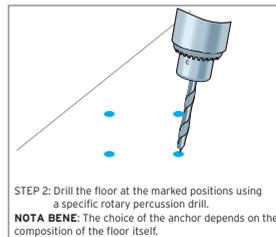
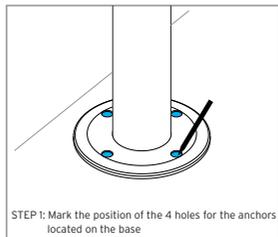
The choice of a Ø150 mm base, fixed on the ground thanks to 4 anchor, guarantee the widest space for the passage and thus is very advised in places with high pedestrian traffic. It's also the best solution where, due to project choices, it's needed to fullify all the safety requirements while having the less waste of space possible.



STABILITY CONDITIONS

The post with the fixed base cannot be moved at all. The test of the stability condition is based on the anchor's mechanical properties for this reason. The characteristic resistance of the anchor utilized in a concrete C20/25 floor is of 3 kN for every anchor (this is a characteristic value on every direction in presence of static or semi-static load).

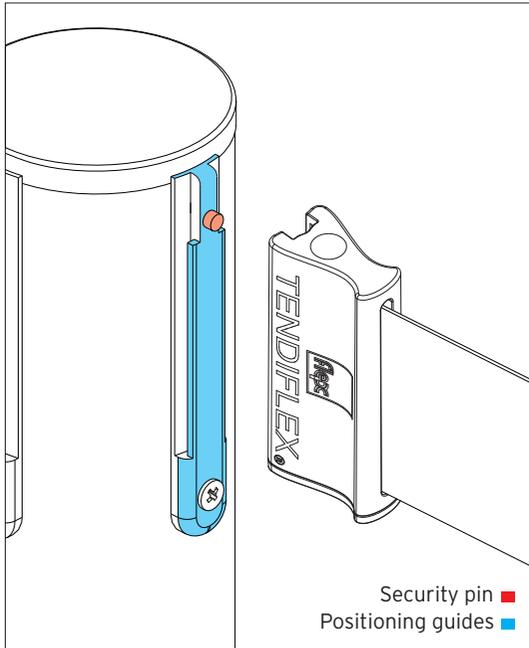
HOW TO INSTALL TENDIFLEX X-STREAM WITH FIXED BASE:



HIGH PERFORMANCE PLUG / ANCHOR
Made of: Carbon Steel, Galvanized steel.

TENDIFLEX® SPORT

ERGONOMIC TAPE-END

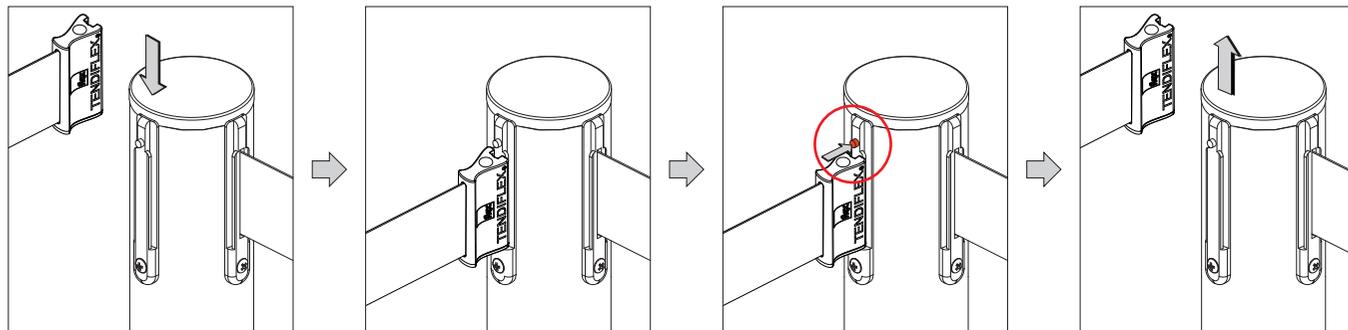
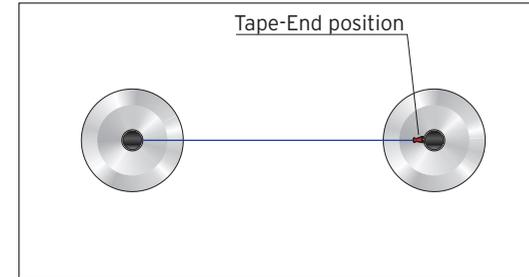
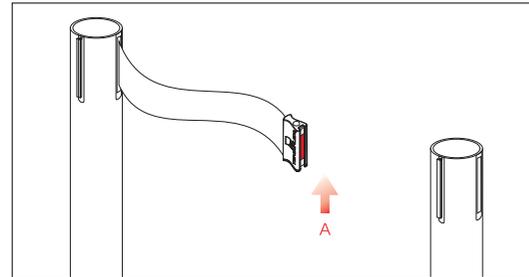


Manual coupling system for the Ergonomic Tape-End. The Flex Ergonomic spline is equipped with a security pin placed on the upper part of the cassette. This pin keeps in position the Tape-End preventing it to be removed without unlocking the security pin.

Type of coupling system: **MANUAL**

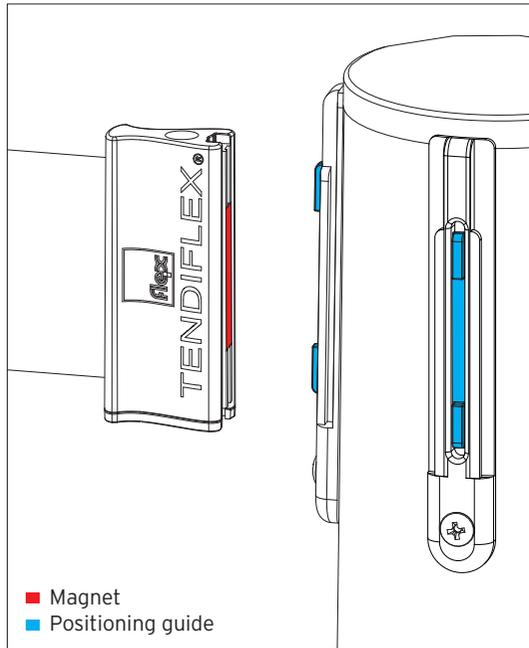
Coupling system efficiency: **UNLOCK WITH THE SECURITY PIN**

Forces involved in the Tape-End release



TENDIFLEX® SPORT

MAGNETIC TAPE-END - TYPE 1

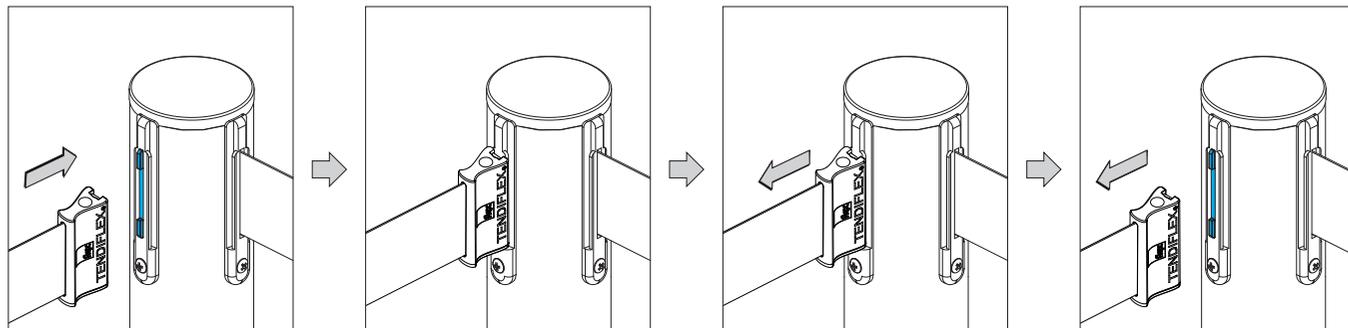
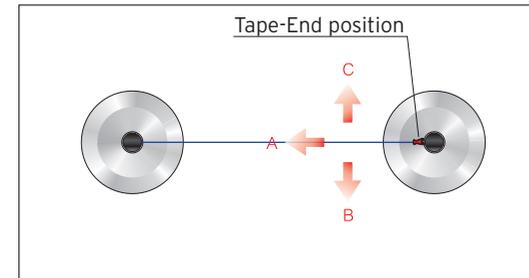
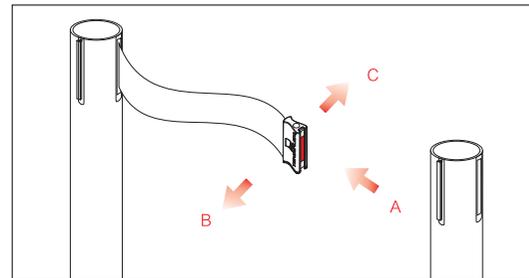


Coupling automatic device for the Magnetic Tape-End that follows all the security requirements. The Magnet located in the Tape-End is made of Niched Neodimium, a material that represent the best of the magnet materials. The Neodimium has a lot of uses in several products and it is possible to be used in particular situations where you need the highest attractive force taking up the minimum space.

Type of Tape-End: **MAGNETIC - ANTIPANIC**

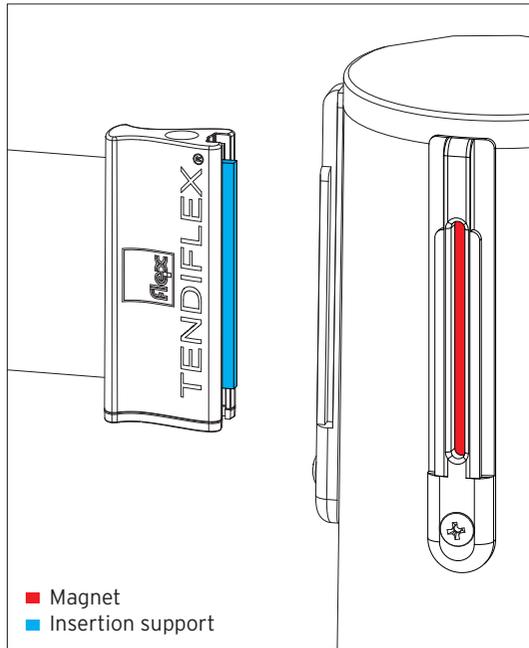
Efficiency of this coupling system: **FAST DETACHMENT - PERFECT FOR EMERGENCY SITUATIONS**

Forces involved in the Tape-End release



TENDIFLEX® SPORT

MAGNETIC TAPE-END - TYPE 2

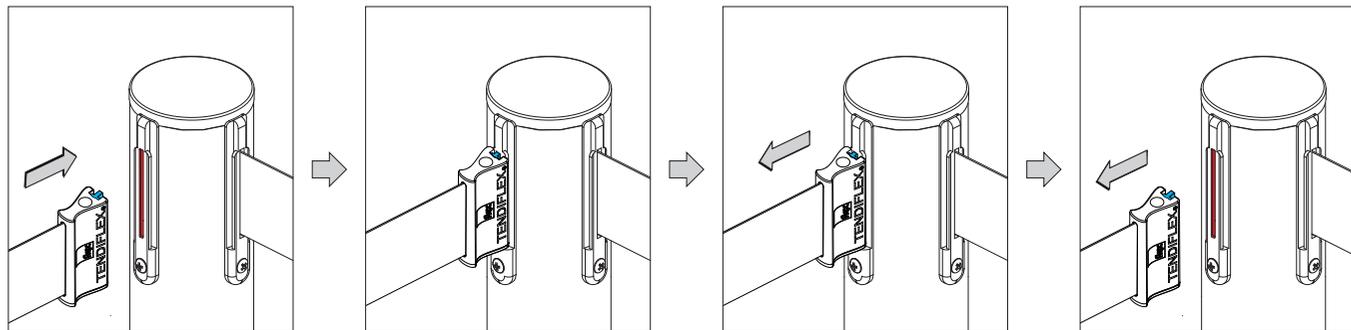
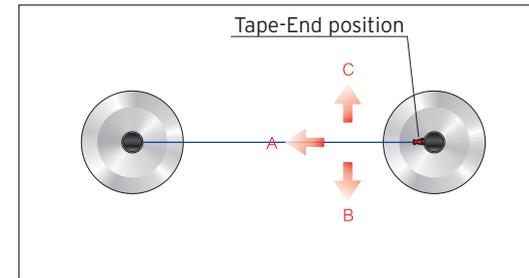
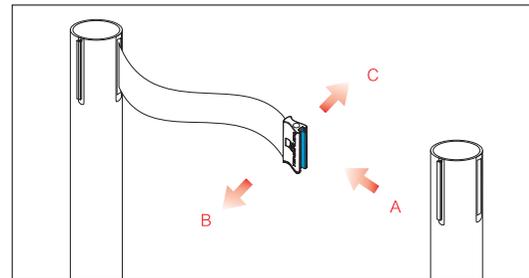


Coupling automatic device for the Magnetic Tape-End that follows all the security requirements. The Magnet located in the Tape-End is made of Niched Neodimium, a material that represent the best of the magnet materials. The Neodimium has a lot of uses in several products and it is possible to be used in particular situations where you need the highest attractive force taking up the minimum space.

Type of Tape-End: **MAGNETIC - ANTIPANIC**

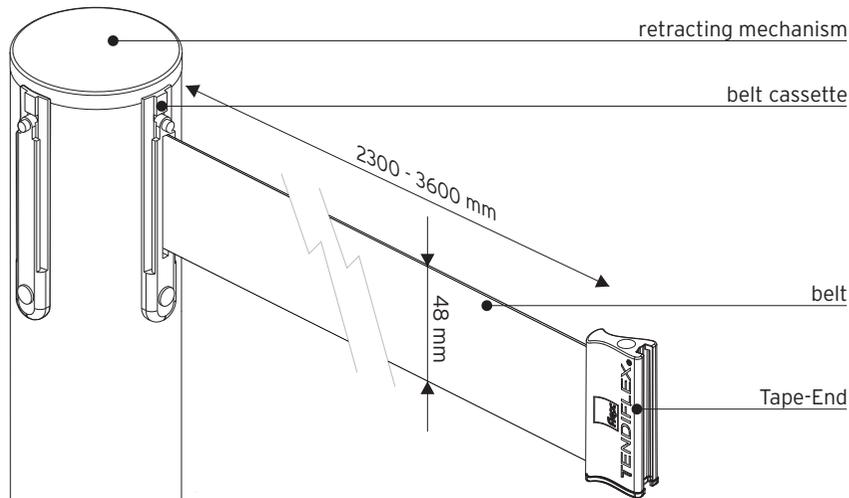
Efficiency of this coupling system: **FAST DETACHMENT - PERFECT FOR EMERGENCY SITUATIONS**

Forces involved in the Tape-End release



TENDIFLEX® SPORT

RETRACTABLE BELT - System characteristics



- **Belt High**
48 mm
- **Belt Length**
2.300 / 3.300 / 3.600 mm
- **Belt characteristics:**
Anti-tearing polyester
Glow Wire Test at a temperature of 650°
as for the IEC 60695-2-10* - IEC 60695-2-11** certifications.
*IEC 60695-2-10 normative describe the install and the trial procedures of the equipment utilized during the tests.
**IEC 60695-2-11 normative describe the actual glow wire test on the final products (final test GWEPT or incandescent one).
It's purpose is to guarantee that the final product doesn't light up or spread flames when a fire source collide with the plastic material (such as the belt).
- **Retracting mechanism**
Spring based with constant force
- **Tape-End system**
Ergonomic or Magnetic 1/2
- **Belt Cassette**
Coupling predisposition on three sides and secure replacing or maintenance operations
- **Belt Cassette**
Material: ABS and nylon (with 30% glass fiber) with B1 level fire reaction ad for normative DIN4102 (following the NF P 92501-7 class M2)

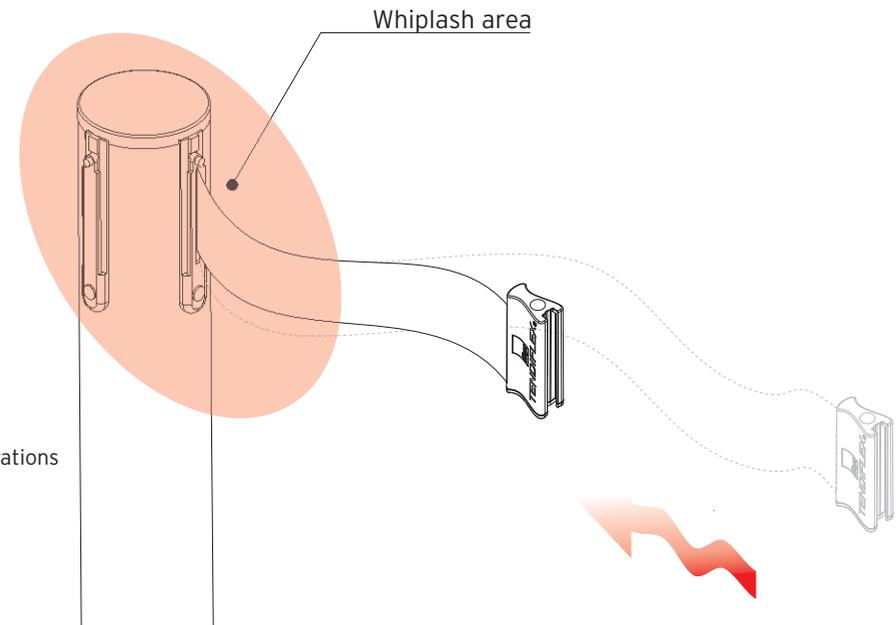
EFFICIENCY OF THE RETRACTING MECHANISM:

Spring based belt retractable mechanism realized following high quality standards that guarantee a better stress and utilization load, and thus a better and longer life of the cassette.

The mechanism is studied so that it can resist very well to tractions. The spring is treated with inert gas that block its oxidation. The humidity resistance is certified with 140 hours of direct exposure to humidity, after which hasn't found any trace of rust.

Clutched retraction system that guarantee a slower retraction speed of the belt inside the Cassette, avoiding any accidental break of the Tape End and also any damage to things of people around the Tendiflex Sport. Comparison tests between TENDIFLEX systems and competitors' ones demonstrate a superiority of the mechanism - In fact, due to the longer retracting time and the slower retracting speed the Whiplash area is very small.

The belt cassette is specifically designed to guarantee the best protection of the retracting mechanism and also to permit its fast replacement. The design of the cassette also guarantee a simple maintenance of the post in a completely safe situation.

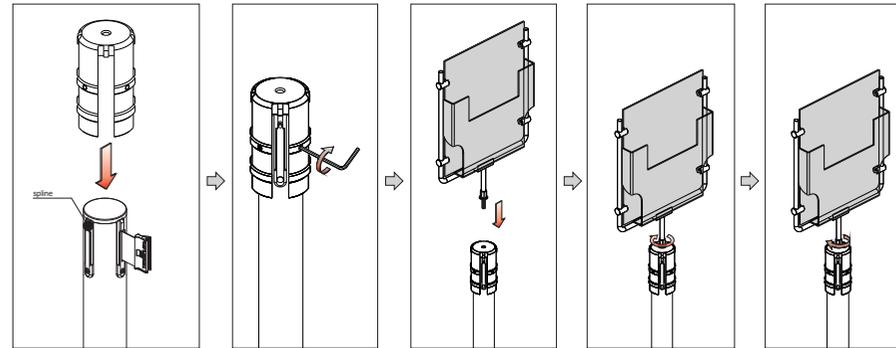
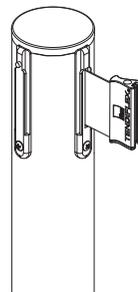
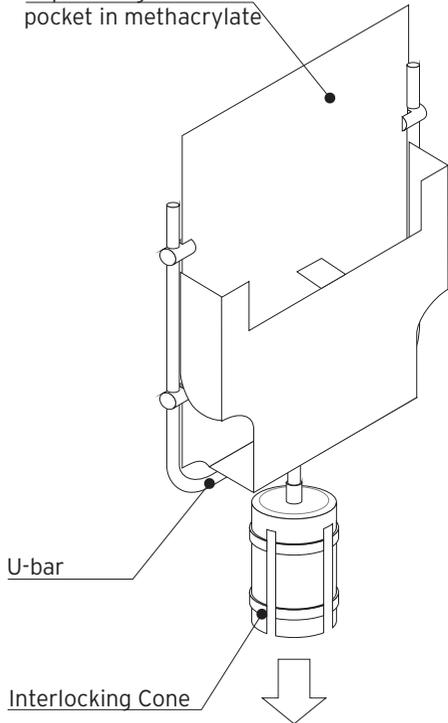


TENDIFLEX® SPORT

U-BAR SIGN HODLER - Depliant Sign Holder pocket



Depliant sign holder pocket in methacrylate



Place the cone on the post, paying attention that the splines slides inside the 4 holes on the cone.

Completely screw the threaded wheat

Place the Depliant Sign Holder pocket in the U-bar matching the stem with the threaded hole on the cone

Screw the exagonal nut with its special instrument

Screw clockwise the Depliant Sign Holder pocket to fix it in position.

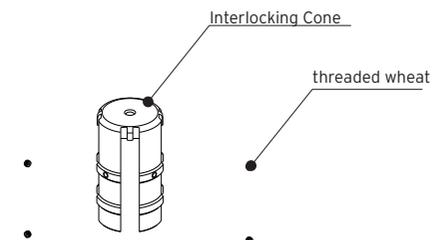
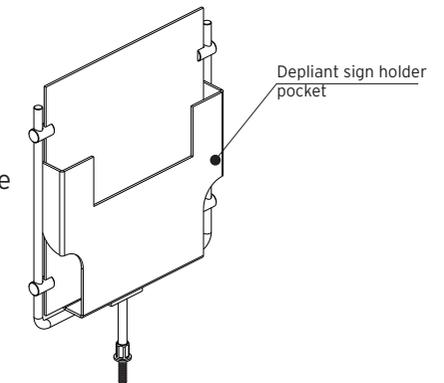
• Materials

Depliant sign holder pocket:
impact-resistant extruded transparent methacrylate

U-bar, tiltable U-bar and frame:
chromed brass

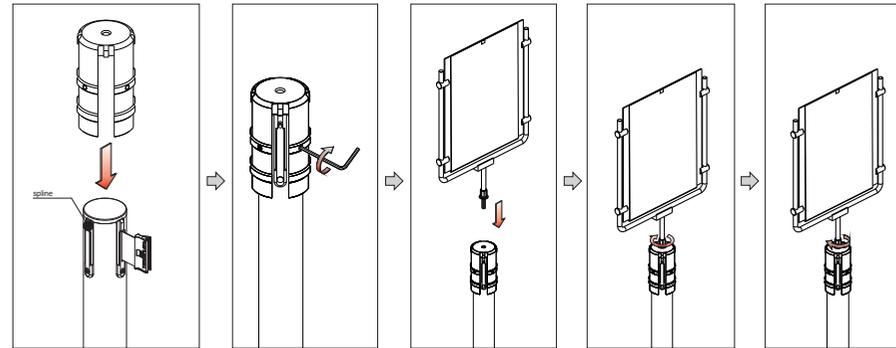
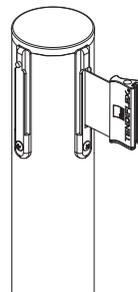
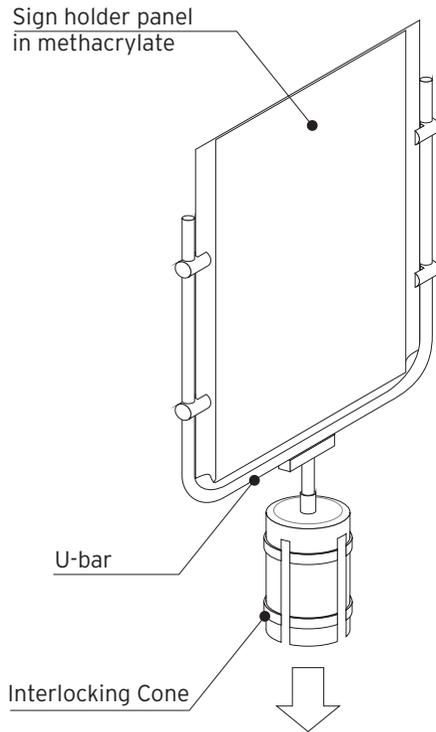
• Interlocking cone diameter
70 mm

• Depliant sign holder pocket thickness
30 mm total thickness



TENDIFLEX® SPORT

U-BAR SIGN HODLER - Sign Holder panel



Place the cone on the post, paying attention that the splines slides inside the 4 holes on the cone.

Completely screw the threaded wheat

Place the Sign Holder panel in the U-bar matching the stem with the threaded hole on the cone.

Screw the exagonal nut with its special instrument

Screw clockwise the Sign Holder panel to fix it in position.

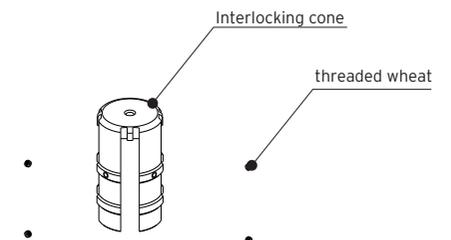
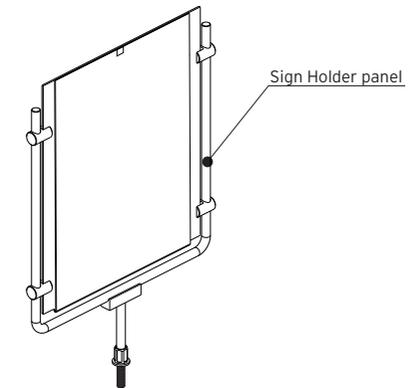
• Materials

Sign holder panel:
impact-resistant cast transparent methacrylate

U-bar, tiltable U-bar and frame:
chromed brass

• Interlocking cone diameter
70 mm

• Sign holder panel thickness
6 mm total thickness



TENDIFLEX® SPORT

U-Bar Sign Holder - Available dimensions



Dimensions	50x70	A3 V	A3 O	A4 V	A4 O	2x 10x21	4x 10x21	A4 V	2x A4 V	
TENDIFLEX	●	●	●	●	●	●	●	●	●	● DEPLIANT SIGN HOLDER POCKET DIMENSIONS ● SIGN HOLDER PANEL DIMENSIONS

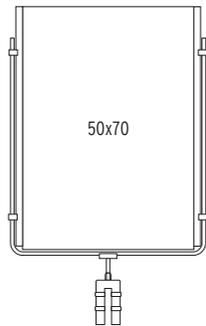


Image C

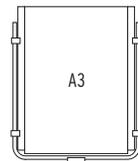


Image B

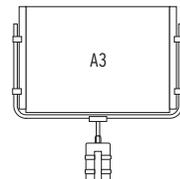


Image E

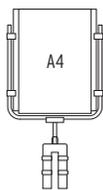


Image A

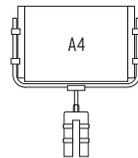


Image D

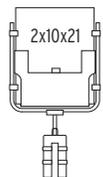


Image F

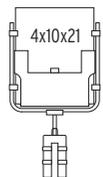


Image G

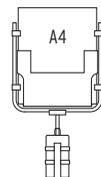


Image H

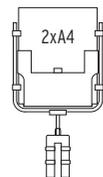
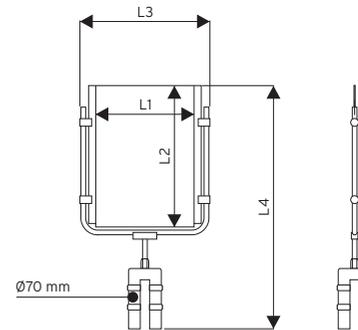
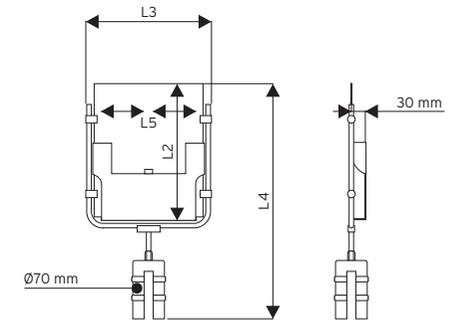


Image I



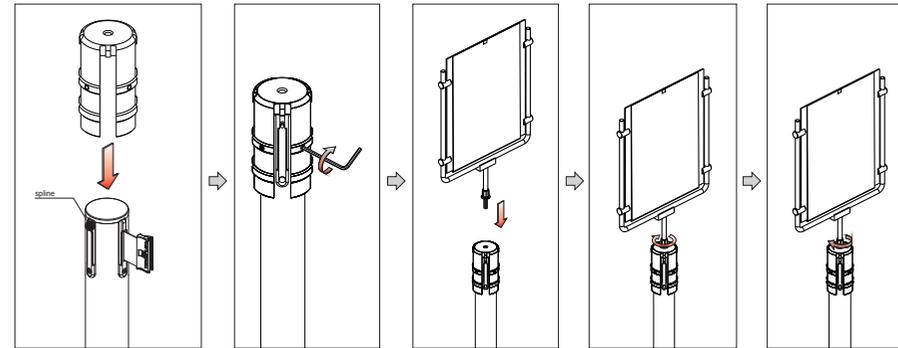
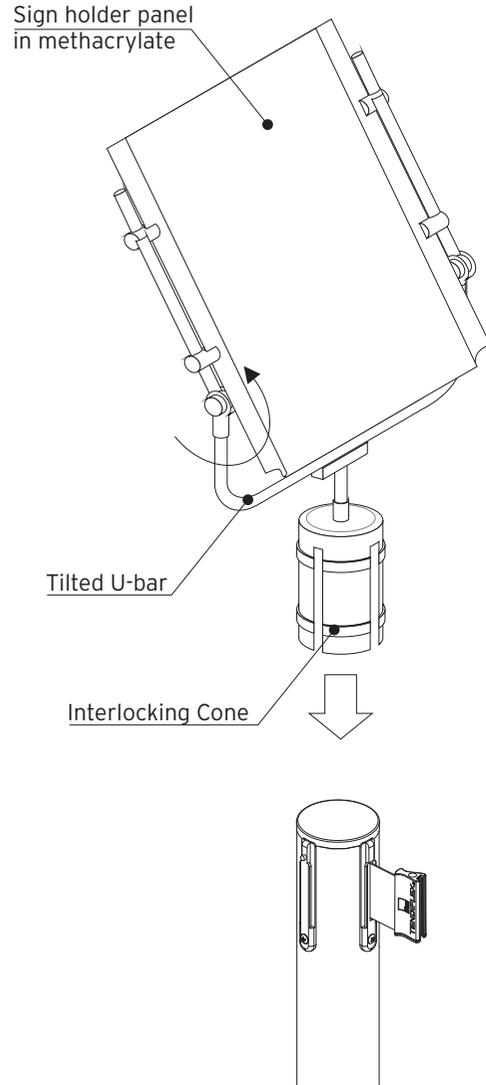
- Image A**
A4 portrait version Sign Holder
- Image B**
A3 portrait version Sign Holder
- Image C**
50x70 version Sign Holder
- Image D**
A4 landscape version Sign Holder
- Image E**
A3 landscape version Sign Holder
- Image F**
2x10x21 mm front version Depliant Sign Holder pocket
- Image G**
2x10x21 mm front and back version Depliant Sign Holder pocket
- Image H**
A4 portrait Depliant Sign Holder pocket
- Image I**
Front and black A4 portrait Depliant Sign Holder pocket
- L4 dimension (see image for reference)**
A: 52,5 cm
B: 65 cm
C: 93 cm
D: 44 cm
E: 53 cm
F, G, H, I: 31 cm



- L3 Dimension (see image for reference)**
A: 26,5 cm
B: 38,5 cm
C: 58,5 cm
D: 38,5 cm
E: 50,2 cm
F, G, H, I: 16,5 cm
- L2 Dimension (see image for reference)**
A: 29,7 cm
B: 43 cm
C: 71 cm
D: 21,4 cm
E: 31 cm
F, G, H, I: 18 cm
- L1 Dimension (see image for reference)**
A: 21,4 cm
B: 32,4 cm
C: 50,5 cm
D: 30,4 cm
E: 42,4 cm
- L5 Dimension (see image for reference)**
F, G: 10,7 cm
H, I: 21,4 cm

TENDIFLEX® SPORT

TILTABLE U-BAR SIGN HOLDER - Sign Holder panel



Place the cone on the post, paying attention that the splines slides inside the 4 holes on the cone.

Completely screw the threaded wheat

Place the Sign Holder panel in the U-bar matching the stem with the threaded hole on the cone

Screw the exagonal nut with its special instrument

Screw clockwise the Sign Holder panel to fix it in position.

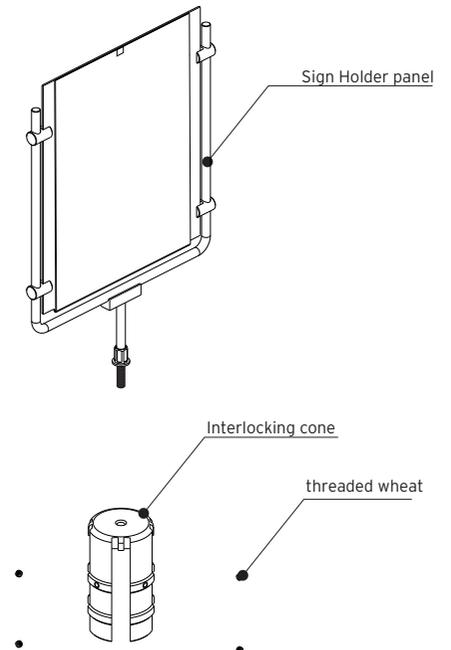
• Materials

Sign holder panel:
impact-resistant cast transparent methacrylate

U-bar, tiltable U-bar and frame:
chromed brass

• Interlocking cone diameter
70 mm

• Sign holder panel thickness
6 mm total thickness



TENDIFLEX® SPORT

TILTABLE U-BAR SIGN HOLDER - Available dimensions



Dimensions	A3 V	A3 O	A4 V	A4 O
TENDIFLEX	●	●	●	●

● SIGN HOLDER DIMENSIONS

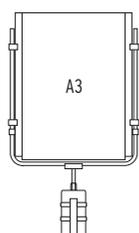


Image B

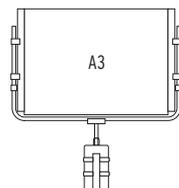


Image E



Image A

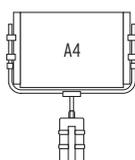
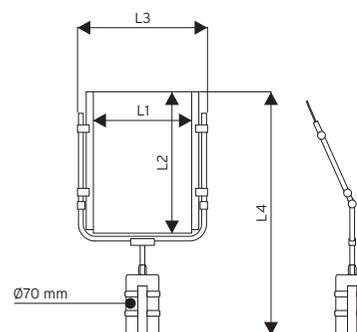


Image D



- Image A
A4 portrait version Sign Holder
- Image B
A3 portrait version Sign Holder
- Image D
A4 landscape version Sign Holder
- Image E
A3 landscape version Sign Holder

- L4 dimension (see image for reference)
A: 52,5 cm
B: 65 cm
D: 44cm
E: 53 cm

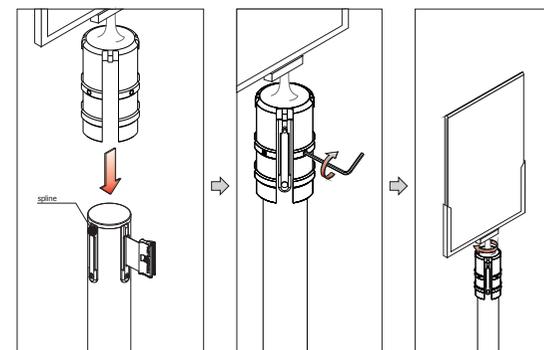
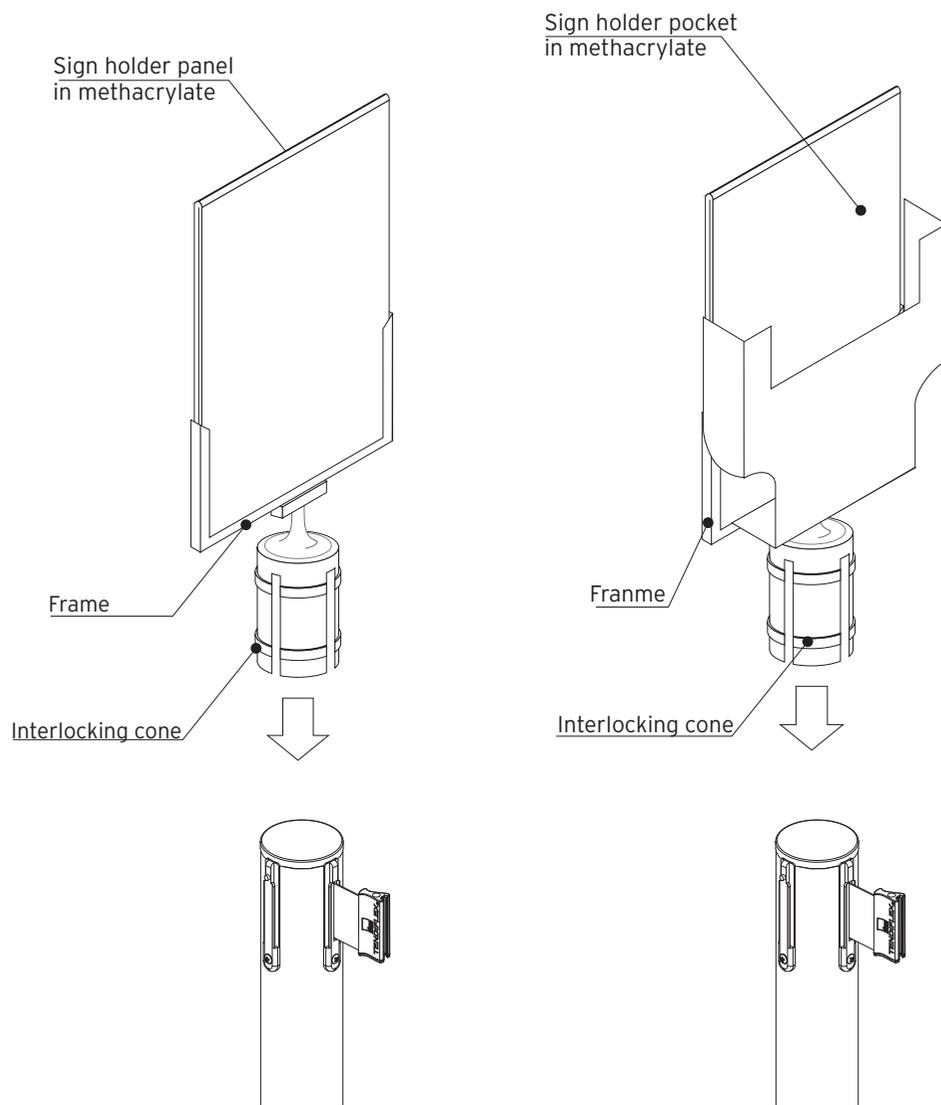
- L3 dimension (see image for reference)
A: 26,5 cm
B: 38,5 cm
D: 38,5 cm
E: 50,2 cm

- L2 dimension (see image for reference)
A: 29,7 cm
B: 43 cm
D: 21,4 cm
E: 31 cm

- L1 dimension (see image for reference)
A: 21,4 cm
B: 32,4 cm
D: 30,4 cm
E: 42,4 cm

TENDIFLEX® SPORT

FRAME SIGN HOLDER - Sign Holder panel / Depliant Sign Holder pocket



Place the cone on the post, paying attention that the splines slides inside the 4 holes on the cone.

Completely screw the threaded wheel

Turn the Sign Holder towards the desired queueing direction

- **Material**

Sign Holder panel:
 impact-resistant cast transparent methacrylate
 Depliant Sign Holder Pocket:
 impact-resistant extruded transparent methacrylate
 Frame:
 chromed brass

- **Interlocking cone diameter**
 70 mm

- **Sign Holder panel thickness**
 6 mm spessore totale

- **Depliant Sign Holder pocket thickness**
 30 mm total thickness

TENDIFLEX® SPORT

FRAME SIGN HOLDER - Available dimensions



Dimensions	A3 V	A4 V	2x 10x21	4x 10x21	A4 V	2x A4 V
TENDIFLEX	●	●	●	●	●	●

● DEPLIANT SIGN HOLDER POCKET DIMENSIONS
 ● SIGN HOLDER PANEL DIMENSIONS

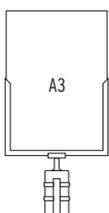


Image B

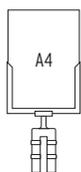


Image A

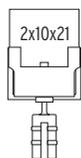


Image F

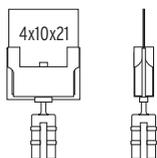


Image G

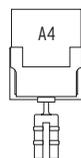


Image H

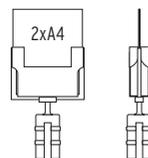
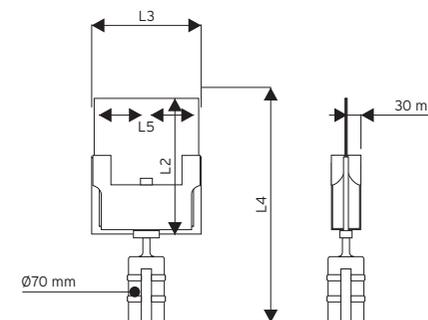
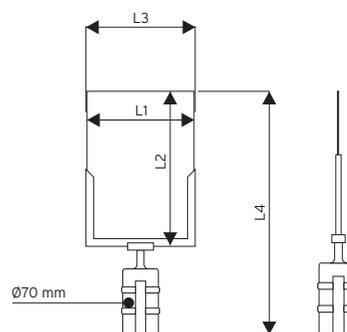


Image I



- **Image A**
A4 portrait version Sign Holder
- **Image B**
A3 portrait version Sign Holder
- **Image F**
2x10x21 Front version
Depliant Sign Holder pocket
- **Image G**
2x10x21 Front and back version
Depliant Sign Holder pocket
- **Image H**
A4 version Depliant Sign Holder pocket
- **Image I**
A4 Front and back version
Depliant Sign Holder pocket
- **L4 dimension (see image for reference)**
A: 52,5 cm
B: 65 cm
F, G, H, I: 31 cm

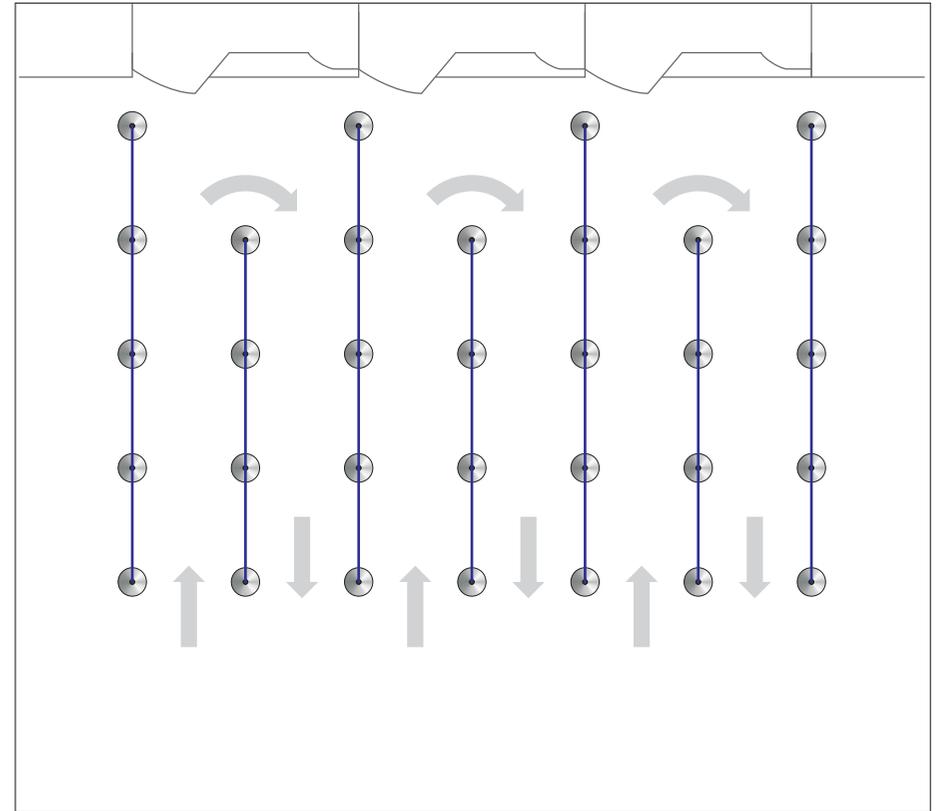
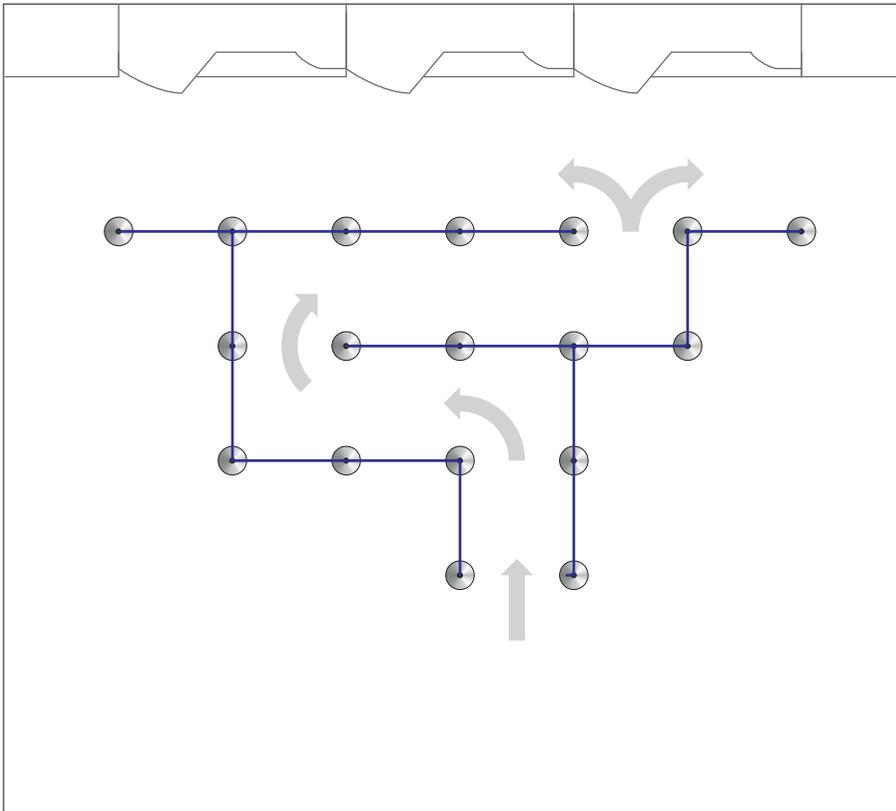
- **L3 dimension (see image for reference)**
A: 22,5 cm
B: 36,5 cm
F, G, H, I: 14,5 cm
- **L2 dimension (see image for reference)**
A: 29,7 cm
B: 43 cm
F, G, H, I: 18 cm
- **L1 dimension (see image for reference)**
A: 21,4 cm
B: 32,4 cm
- **L5 dimension (see image for reference)**
F, G: 10,7 cm
H, I: 21,4 cm

TENDIFLEX[®] SPORT

APPLICATION and CONFIGURABILITY



Route management examples

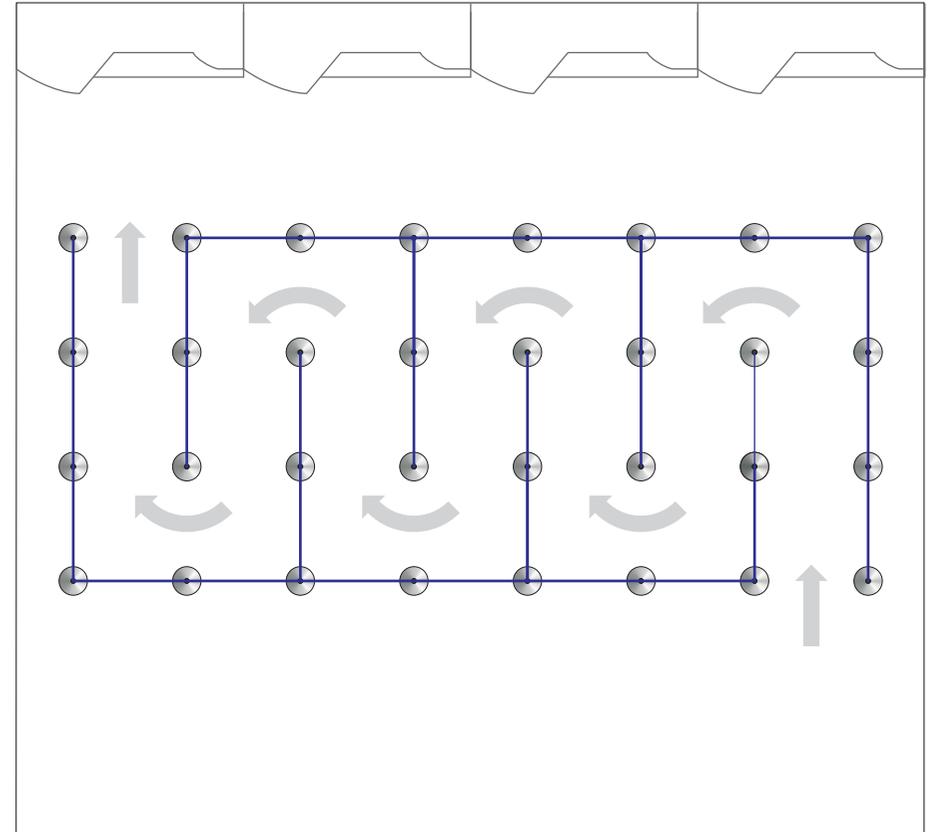
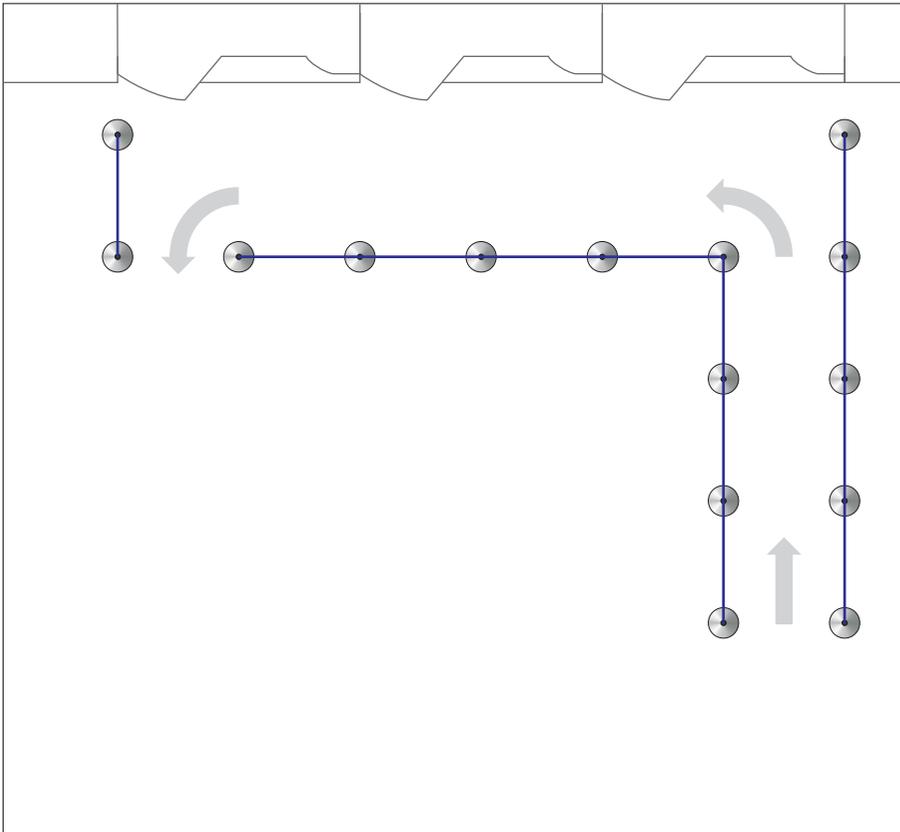


TENDIFLEX® SPORT

APPLICATION and CONFIGURABILITY



Route management examples





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