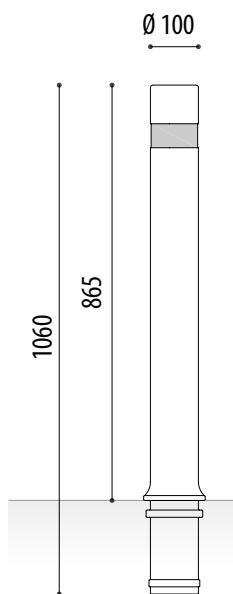


A-FLEX FIXED

MEASURES:

Diameter: \varnothing 100 mm.
View height: 865 mm.
Total height: 1060 mm.



Flexible bollard with memory model A-FLEX.

The bollard that offers flexibility and rigidity, in case of impact they recover their original shape and position.

A-FLEX 100 MODELS:

Black	Ref. PFLEXHN
Green	Ref. PFLEXHV
Red	Ref. PFLEXHR
Yellow	Ref. PFLEXHA

A-FLEX 80 MODELS:

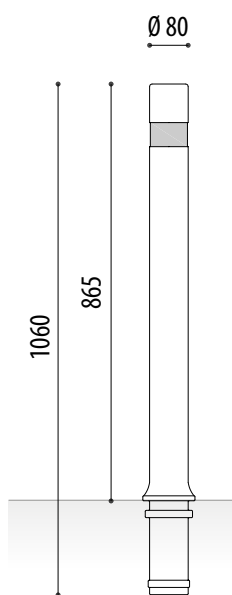
Black	Ref. PFLEX80HN
Green	Ref. PFLEX80HV
Red	Ref. PFLEX80HR
Yellow	Ref. PFLEX80HA



The A-Flex flexible bollards return to their initial shape and position after impact, and still are practically indestructible.

MEASURES:

Diameter: \varnothing 80 mm.
View height: 865 mm.
Total height: 1060 mm.



A-FLEX FIXED



A-FLEX BOLLARDS ADVANTAGES:

-  Virtually unbreakable.
-  100 % recyclable.
-  Not painted. No rust. Maintenance-free.
-  Memory bollard; in case of impact, it returns to its original shape and position.
-  High resistance to many solvents, oils and greases.
-  Excellent impact resistance and flexibility on a wide range of temperatures.
-  High resistance to abrasion.
-  Pleasant to touch.
-  Aesthetically identical to metal bollards.



The properties of this material allow that in case of impact, the bollard comes back to its original shape and position. They don't break, they don't get dented and they don't oxidize.

ADVANTAGES COMPARING TO OTHER BOLLARDS

Vs bollards made of metal:	Vs bollards made of plastic:	Vs bollards made of rubber:	Vs bollards of casting polyurethane:
<ul style="list-style-type: none"> - Not rust. - Less weight. - Less rumors generated. - Resistance to corrosion. - Zero maintenance. 	<ul style="list-style-type: none"> - Zero fragility. - Elastometric memory (compression set resistance). - Resistance to abrasions. 	<ul style="list-style-type: none"> - Resistance to abrasions. - Resistance to cut and injuries. - Resistance to push and dynamic loads. - Resistance to the ozone. 	<ul style="list-style-type: none"> - Working at hight temperatures. - No crystallizing (final break of the bollard). - High resistance to wet environments (even hydrolisis). - Numerous chemical agents.



A-FLEX FIXED

A-FLEX BOLLARDS CERTIFICATES:

1. Certificate Appls IDIADA impact-proof bollard A-Flex head (HIC).

Obtained result in test are less than <650.

A-Flex is lees than 216 (slight rating).



2. Certificate Appls IDIADA impact-proof bollard A-Flex body (AIS).

Obtained results show a level of accelaration of the body which relates with a possibility of suffering from a damage is AIS3 of <10%.



3. Certificate of overcoming a deflactation of 2000 cycles at 90°

They were realized more than 2.000 cycles of flection without appearing any line in the surface of the bollard and coming back to its original position after suffering a strenght which had flexed in to the 90°.



4. Certificate impact-proof from a vehicle at more than 80 km/h.

Impact from a vehicle at more than 80 km/h against the A-Flex bollard without being damaged.



5. Certificate of Resistance to fire Clase E.

This classification was realized according to what explained in the Norm UNE-EN 13501-1:2007+A1:2010: "Classification of the behaviour facing fire for the products to be built of the elements for edification".



6. Certificate of compliance Reach.

A-Flex bollards manufactured with materials according to the strict normative REACH (U.E.) at european nivel, they are free from heavy, polluting materials and damaging substances.



7. Certificate CE.

A-Flex bollards meet the general Directive of products in the European Community according to the norm 2001/95/CE, R.D. 1803/2003.



* Certificates made on the A-Flex 100 bollard model to embed.



