



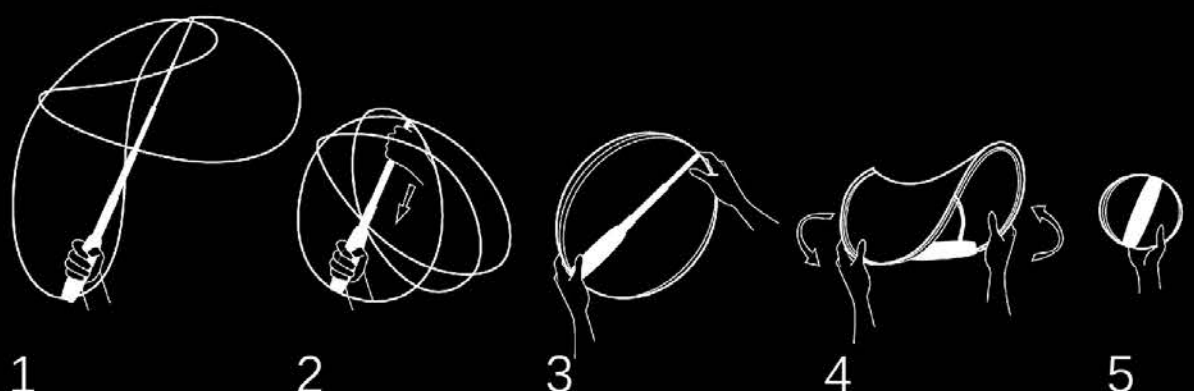
RAIN SHIELD

“The evolution of umbrella.”

This is an umbrella with brand-new style. We hope to design an umbrella that is totally different from what it has been so far.

Getting rid of the complicate structure of the old ones, it is formed by only a steel wire, with the pointless shape of arches. It won't stab others. The way one holds it is more likely to stay against the winds, and one won't get wet because of its shape. With the elegant streamline, it looks like a “Rain Shield”. It can be folded as a plate and then put in bag.

It is when a creative structure, an ingenious imagination, and some modifications are all brought together that Rain Shield is born, giving new life to the ordinary rainy days.



observation

The umbrellas have taken this form for a long time. There are lots of umbrellas, different sizes and uses. But there are still problems that can be improved.



problems

Completed structures that are fragile.
Difficult to block the wind and rain that coming towards you.
Pointed margin.



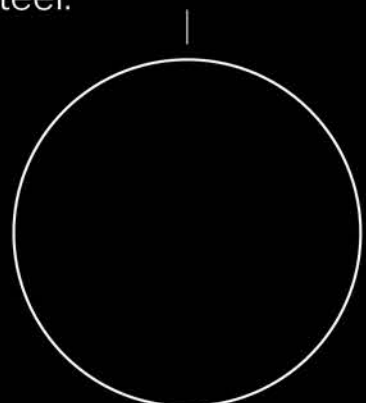
RAIN SHIELD

A new structure to form an umbrella. There are 5 ways to make it an innovative umbrella.

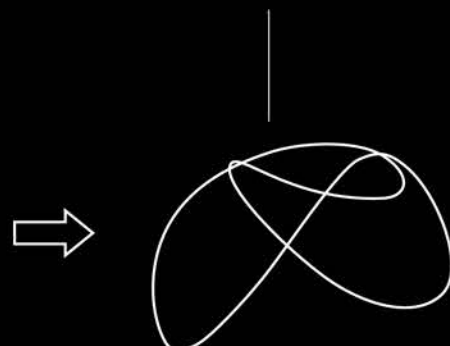
- 1 New style
shape, material, operation
- 2 Indurance
form by flexible steel
- 3 Safty
all rounded margin
- 4 Function
block the wind and rain that coming towards you.
- 5 Thin & Light
can be folded into a 18cm diameter pad

illustration of the structure

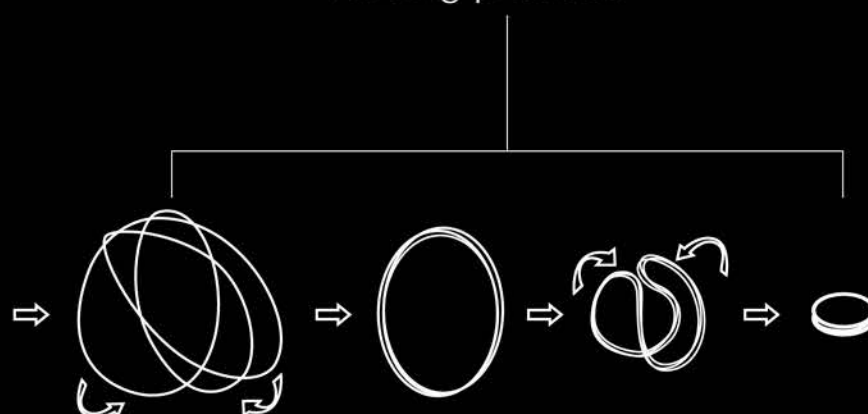
Started with a 5 meter circumference flexible steel.

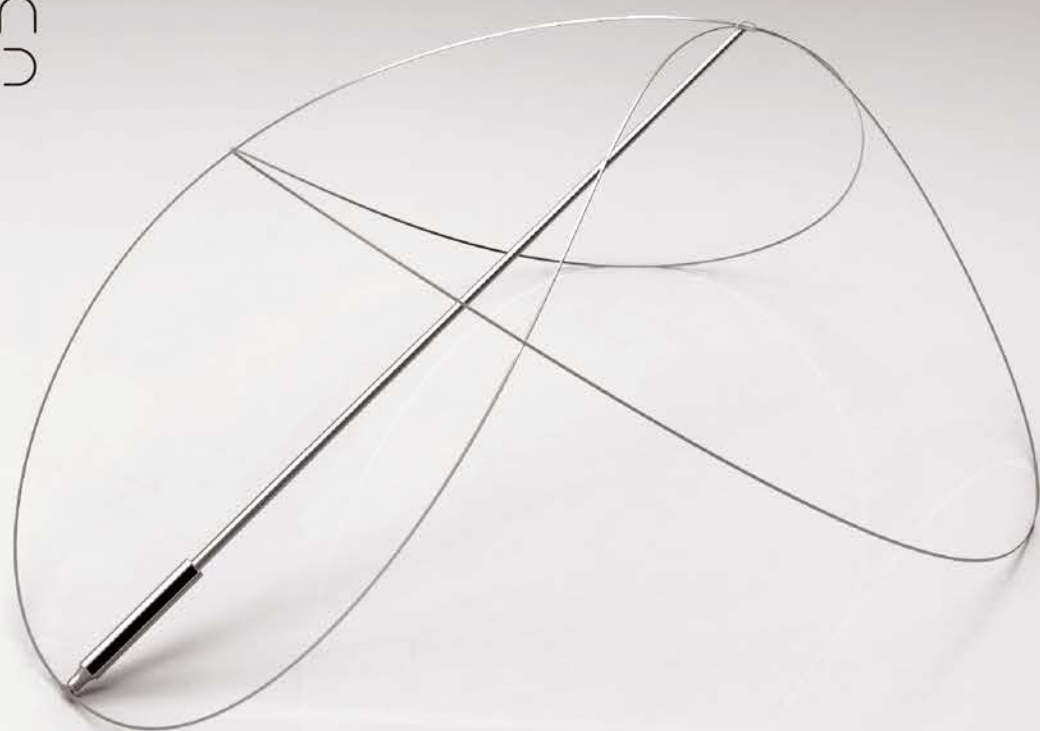


Twist the steel to form the prototype.



Folding process.





structure

- 1 Unfold.
- 2 Fold.



2



folding

Shorten the length of main pole, swirl the surface to the center, and fold it into a pad.



new style

The aerodynamic shape that keeps rain off one's front or side looks like a shield in the rains.



joint

The wires held together in thermoplastic tubes are connected by elastic strings, giving the structure a wide turning range.



surface & holding

Take waterproof cloth as the surface so it won't get wet.

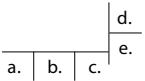
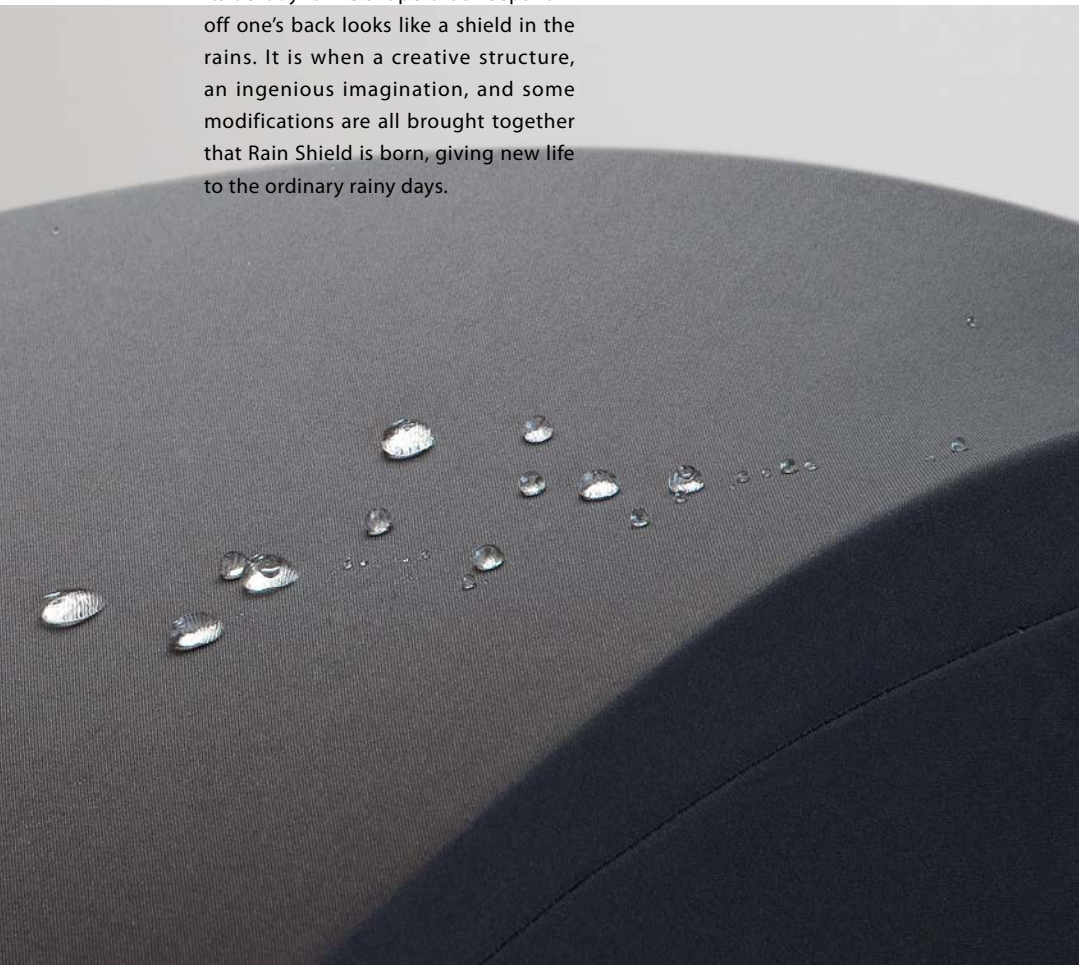
Push the button to open the umbrella automatically. The handle combines the characteristics of plastic and metal, featuring the coolness of metal while retaining a good grip strength.



Concept :

希望設計一把全新型態雨傘，跳脫自古以來雨傘的框架。
擺脫複雜傘骨關節，只用一條金屬繞成本體，圓潤的邊緣無尖角，解決傘骨刺人的問題；握持方式更容易抵擋風吹，包覆的形狀使迎風時不被雨水淋溼；外型流線優雅就像是「擋風擋雨的盾牌」；收納後為薄片狀，收進包包裡如一本筆記本般不占空間。
一個結構的創新、一點顛覆的想像、一些貼心的巧思，帶給雨天不一樣的可能性。

Rain Shield is a new type of umbrella inspired by the structure of car sun shades. Unlike the ordinary umbrellas held together by complicated frames, its parts are connected by a single metal coil. Whilst closed, it can be folded into a thin pad; once opened, its aerodynamic shape that keeps rain off one's back looks like a shield in the rains. It is when a creative structure, an ingenious imagination, and some modifications are all brought together that Rain Shield is born, giving new life to the ordinary rainy days.



- a. 傘面使用「防潑水布」，如荷葉般不被雨珠沾濕，輕輕一抖即甩掉水珠。
- b. c. 握柄截面與 Logo 相同，其形狀正是雨盾的上視圖。
開傘時，以拇指按下開關即可自動彈開傘面。
- a. Take waterproof cloth as the surface so it won't get wet.
- b. c. The Logo resembles the shape of handle section as well as the surface of umbrella.
Push the button to open the umbrella.



- d. 鋼條的關節處理，以熱塑套管包覆止滑，中間纏繞彈性繩使其能夠轉動。
- e. 握把為塑膠與金屬材質，運用塑膠的止滑與金屬的冰涼，提升握持舒適性。
- d. The wires held together in thermoplastic tubes are connected by elastic strings, giving the structure a wide turning range.
- e. The handle combines the characteristics of plastic and metal, featuring the coolness of metal while retaining a good grip strength.



f. 折疊後大小為直徑 18 公分之圓盤，方便收納。
f. When folded, it becomes a 18 cm diameter plate.



g. | h. | i.

- g. h. 包覆的形狀使迎風時不被雨水淋溼，握持方式更容易抵擋風吹。優雅流線的造型就像是「擋風擋雨的盾牌」。
- i. 收傘時，先將傘柄變短後，壓著傘柄兩端向中間旋轉靠攏即收納完成。
- g. h. The aerodynamic shape that keeps rain off one's back looks like a shield in the rains.
- i. Shorten the legth of main pole, swirl the surface to the center, and fold it into a pad.

