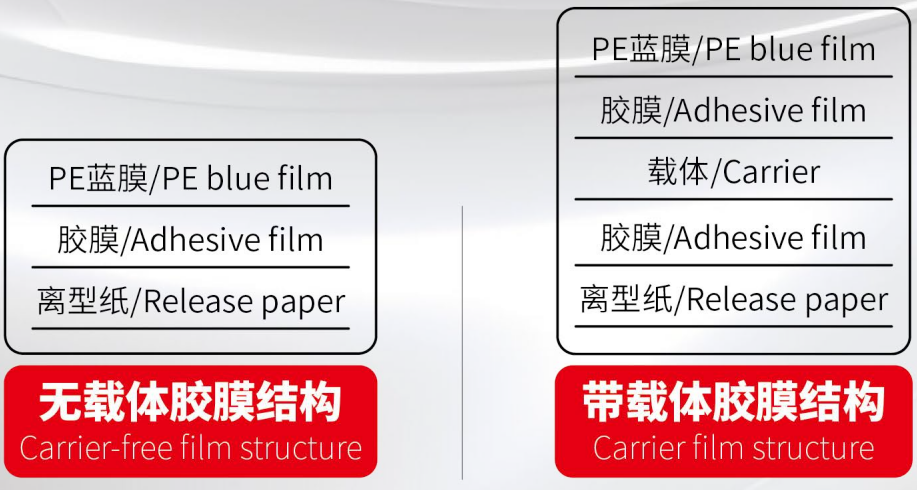
EF系列结构粘接环氧胶膜
EF Series Structural Adhesive Epoxy Film

强度高、韧性好、耐老化、抗疲劳、裁切使用方便等特点！
另有其他种类胶膜，可接受产品定制！

可用于金属、复合材料板-板粘接、预浸料层间粘接、铝蜂窝板芯粘接等。可广泛用于航空、建筑、铁路、体育用品等领域。

High strength, good toughness, aging resistance, fatigue resistance- and easy to cut and use, among other features!
Other types of films and customized products are available!

It can be used for bonding metal, composite materials, board-to-board bonding, prepreg layer bonding, and aluminum honeycomb core bonding. It can be widely used in fields such as aerospace, construction, railway, sports equipment, and more.



产品类别
Category

无载体纯胶膜；有载体胶膜/Carrier-free film structure; Carrier film structure
细分不同厚度，不同载体/Subdivided into different thicknesses and different carriers

EF系列结构粘接环氧胶膜性能/EF series structural bonding epoxy film performance

产品名称 Product name	种类 Type	克重(g/m2) Gram weight (g/m2)	玻璃化温度 Tg	剪切强度(MPa) Shear strength (MPa)	90°C剥离强度 90°C peel strength	滚筒剥离强度 N.mm/mm
EF-0110	CF[1]	EF-0110: 100	115-120°C	⩾ 20	⩾ 30	-
EF-0120		EF-0120: 200				-
EF-0130		EF-0130: 300				-
EF-0210	CF[1]	EF-0210: 100	115-120°C	⩾ 20	⩾ 30	-
EF-0220		EF-0220: 200				⩾ 25
EF-0230		EF-0230: 300				⩾ 30
EF-0310N	C[2]	100	115-120°C	⩾ 25	⩾ 30	-
EF-0320N		200				⩾ 40
EF-0330N		300				⩾ 50
EF-0410N	C[2]	100	115-120°C	⩾ 25	⩾ 30	-
EF-0420N		200				⩾ 60
EF-0430N		300				⩾ 80

***注释/Notes**

[1] CF: Carrier-free 无载体胶膜
[2] C: Carrier带载体胶膜

性能比较
Performance Comparison

四个胶膜系列配方相近，剪切强度和90度剥离强度标准有胶厚要求，故四个配方的基本剪切强度和90度剥离强度基本一致;
抗老化及高低温性能也基本一致;
最大区别在于滚筒剥离强度;
影响滚筒剥离的因素：1）配方；2）胶厚；3）载体.

The four film series have similar formulas, and the shear strength and 90-degree peel strength standards have adhesive thickness requirements, so the basic shear strength and 90-degree peel strength of the four formulas are basically the same;
The anti-aging and high and low temperature performance are also basically the same;
The biggest difference is the roller peel strength;
Factors affecting roller peeling: 1) Formula; 2) Adhesive thickness; 3) Carrier.