

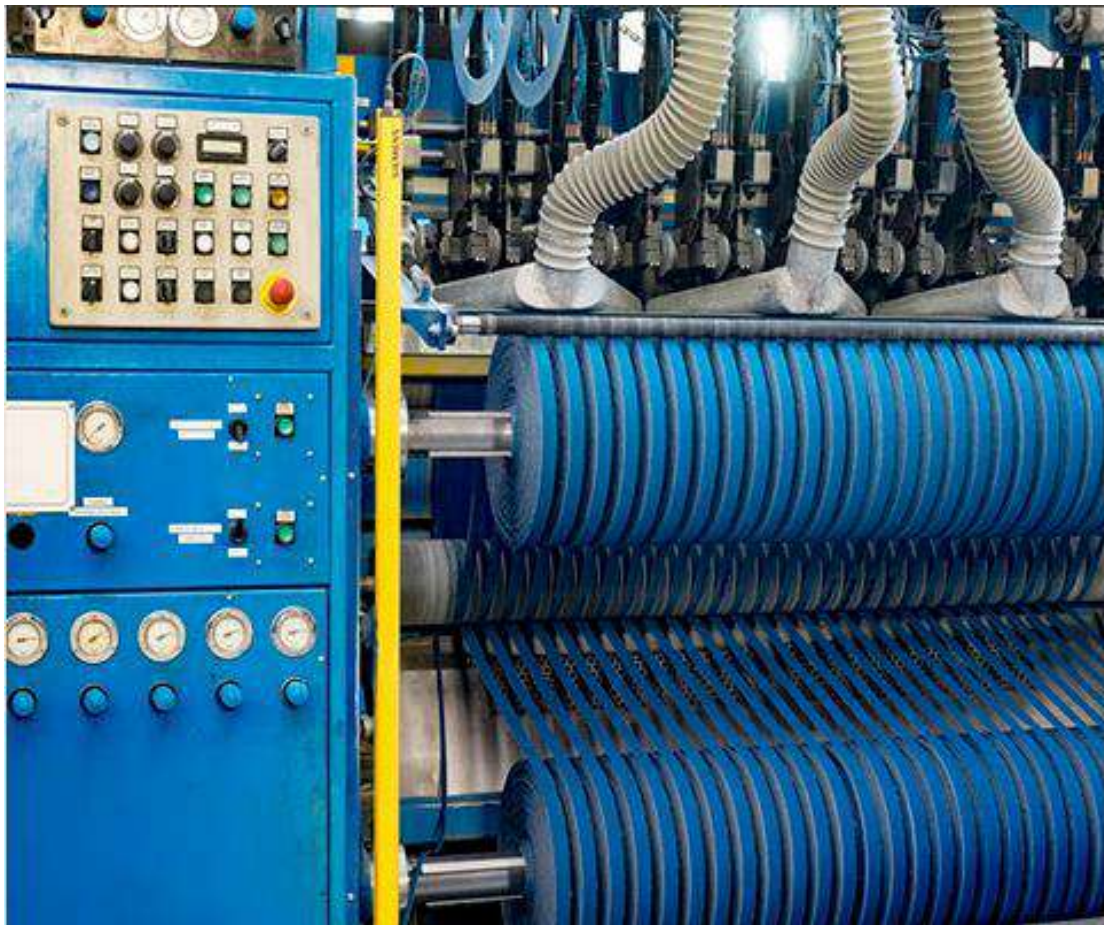
RAW MATERIALS FOR FLAP DISCS PRODUCTION

1. ABRASIVE CLOTH :

The most common abrasive cloth is made of Zirconia grain, that provides the best grinding and finishing performance on most types of metals. Like our cloths XZ331X & XA945.

Other abrasive cloths include special Aluminum Oxide (premium quality). Like our XA517. Lower grits (40, 60) are more suitable for higher material removal, higher grits (80 and 120) provide better results in finishing.

Check our pdf for our abrasive cloth **XA945** (the most popular quality!!)



2. BACKINGS :

The backing of the flap disc is a critical component, that can impact the performances and the safety of the disc itself. Sometimes, it's importance is overlooked.

The backing must be strong enough to hold the cloth, withstand different levels of pressure and allow the required grinding capacity.

At the same time, it must be lightweight and well finished. The shape can be flat or convex. It can be made of fiberglass (7 to 10 layers of fiberglass nets glued with resin), or nylon.



FIBERGLASS BACKING PLATE

PLASTIC BACKING PLATE



Material	Fiberglass / Nylon
Diameter	55 ~ 170 mm
Type	T27 / T29
Fiber Layer	6 ~ 13
Bush	1 / 2
Customized	

3. GLUE :

Special adhesive (EPOXY RESIN)for fixing the abrasive flaps on the fiberglass or nylon backing. It is a mono component (one component) epoxy adhesive, semi-solid, totally free from solvents, which is used with heated pressing flat dosing machines.

CHARACTERISTICS:

1. has good heat resistance and thermal stability.
2. the high temperature curing.
3. good thermal conductivity.
4. with a high bond strength.
5. has a good impact resistance.

USE METHOD :

1. to keep clean the bonding surface of the part, can not have oil and other impurities.
2. the standard hardening temperature of 120 degrees for 2-3 hours.
3. natural cooling after curing should be placed in an oven, to avoid internal stress.
4. the overflow of adhesive can be cleaned with acetone or ethanol.
5. Before use the Synthetic Resin Adhesive need preheated in (50-60) °C for 60min, after installed on the machine the Synthetic Resin Adhesive temperature is 45-50°C.
6. After assemble the flap disc should be put into the oven with the temperature up to 130°C and heat preservation for 2h-3h .



PACKING

Colloidal packing 280kg per barrel, or can also be based on customers demand using non-standard packaging.

SAFETY

Colloid belongs to low toxic chemicals, should avoid entering eyes, oral.

STORAGE

1. Below 25°C storage, has 6 months shelf-life, over shelf life after composite lattice can continue to use.
2. This product is not dangerous goods, according to the transport of chemicals in general.