

Hydrogel Type Patch

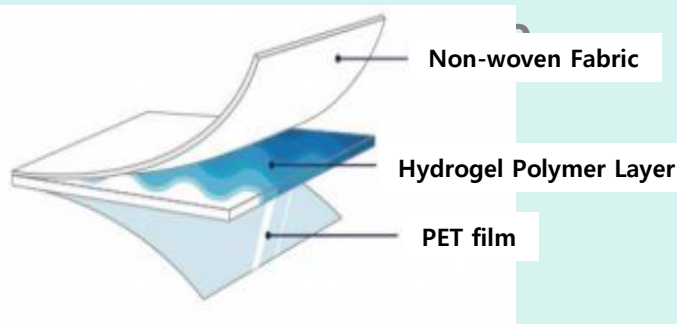
AC Intensive Patch



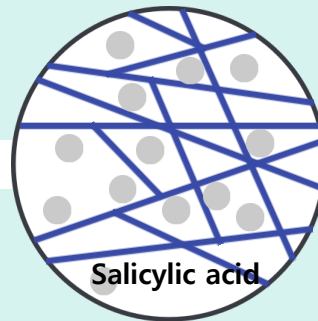
**WOOSHIN
LABOTTACH**

Features & Strong Point of Wooshin AC Intensive Patch

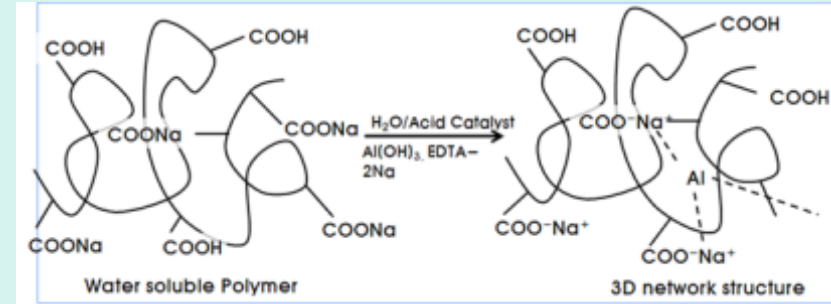
1. Hydrogel Patch Technology



↑ Schematic of hydrogel patch



↑ Hydrogel containing salicylic acid



- A gel having water as its main content is called hydrogel.
- The hydrogel can be formed by chemically cross-linking of polymers.
- Its hydrating capability could help to avoid skin irritation.
- The outstanding adhesiveness of itself enables attachment without any other adhesive.

Features & Strong Point of Wooshin AC Intensive Patch

1. Hydrogel Patch Technology

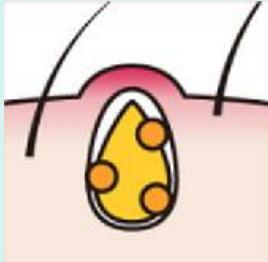
* Advantages of Wooshin's Acne Hydrogel Patch

- Continuous Cooling and Soothing effects by water's evaporation
- Cryotherapy for Pain-Relief
- Long Acting Time (6hr-8hr) in comparison with Gel, Cream type product
- Less Skin Irritation (Derma test is conducted in Germany)
- Quick Acting on Applied Area
- Adapting Less Allergy and Elastic Fabric (Easy Applying)

Features & Strong Point of Wooshin AC Intensive Patch

2. Mode of Action- Active ingredients

| Main Ingredients



❖ **Anti-microbial / Anti-inflammatory**

- Salicylic Acid (0.5% and 1.0%)



❖ **Moisturizing property / Anti-oxidant**

- Vitamin E

Features & Strong Point of Wooshin AC Intensive Patch

2. Mode of Action- Active ingredients

| Main Ingredients

Type 1
0.5% of Salicylic acid

Type 2
1.0% of Salicylic acid

Acne patch is used to soothe skin problems:

No chemical synthetic raw material ! No Skin irritant ingredient !

Reduces irritation and prolongs skin moisturizing & moisturizing effect

OTC monograph drug in USA



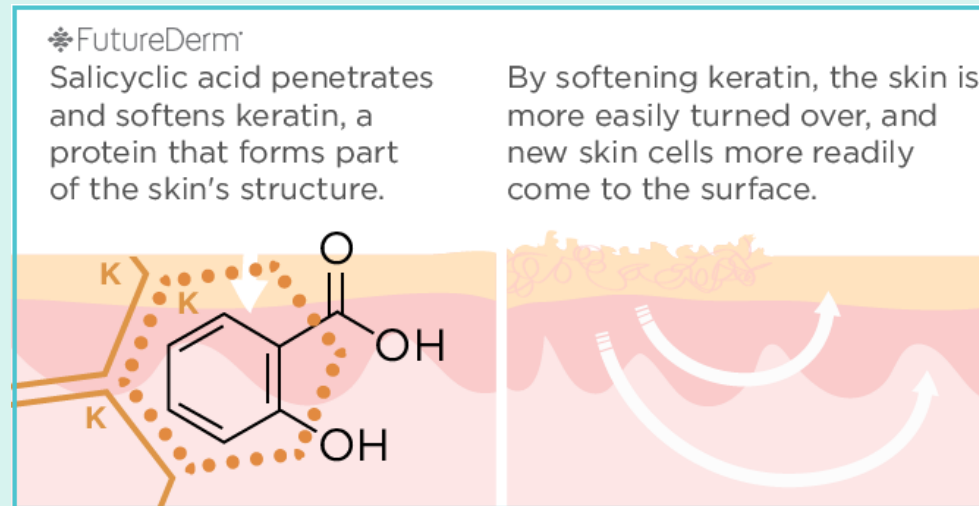
- Anti-inflammatory
- Anti-microbial
- Soothing & Soften the lesion

Features & Strong Point of Wooshin AC Intensive Patch

2. Mode of Action- Active ingredients

| Salicylic acid – Anti-Bacterial

Salicylic acid (SA) is antibacterial, which has the potential to neutralize any acnes that's present in acne papules and pustules. SA's antibacterial nature comes from its ability to inhibit the production of various aspects necessary for binary fission (bacterial reproduction), such as fibrinogen, fibronectin, and alpha-hemolysis., and alpha-hemolysis.

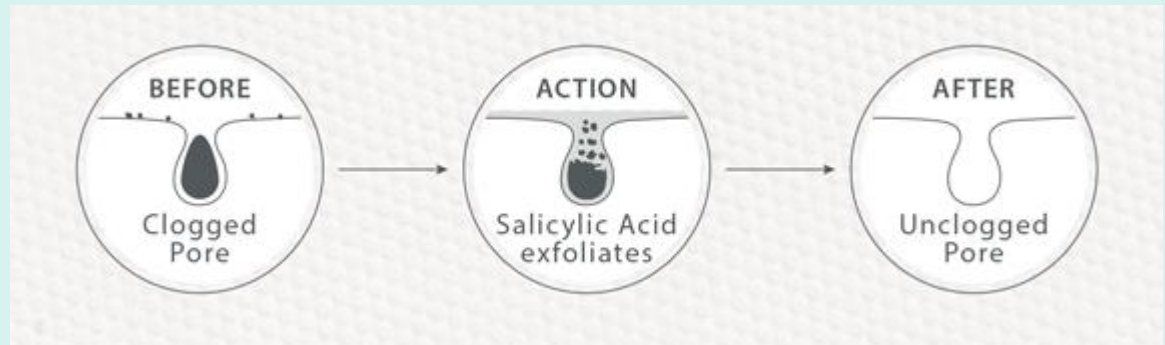
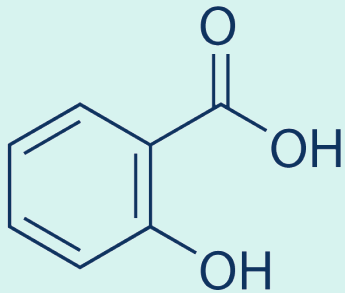


Features & Strong Point of Wooshin AC Intensive Patch

2. Mode of Action- Active ingredients

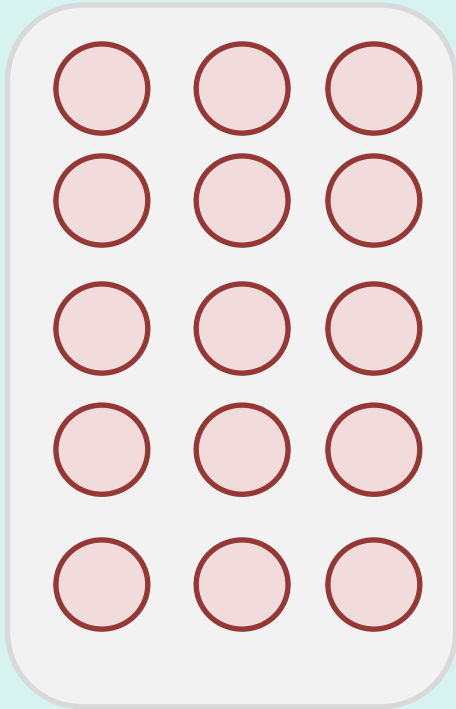
| Salicylic acid-Anti inflammatory

Salicylic acid (SA) is also anti-inflammatory, which again is great for treating acne conditions, as any additional inflammation will worsen the breakouts. SA's anti-inflammatory nature comes from its ability to truncate the arachidonic acid (AA) cascade. This in part, allows SA to suppress the expression of inflammation-inducing genes by the inhibition of transcription activators such as (nuclear factor kappa-light-chain-enhancer of activated B cells (NF- κ B), activation protein-1 (AP-1), and CCAAT/enhancer-binding protein B (C/EBPB).



Features & Strong Point of Wooshin AC Intensive Patch

3. Coin Type of AC Intensive Patch



- The size of patch is optimized for acne size on skin
- This patch can be applied to various areas such as cheek, brow, nose, chin, and body.

Features & Strong Point of Wooshin AC Intensive Patch

4. Suitable type product for Home Care

Night & Home Care

It is recommended to use our hydrogel patches which is **up to 8 hour of non-drying** at night.

Gently apply it on pimple area while sleeping and take off in the morning. It helps relieving inflammation symptom on troubled area.

Our products have positive acne improvement effects and clinical proven.



Thank You !

