

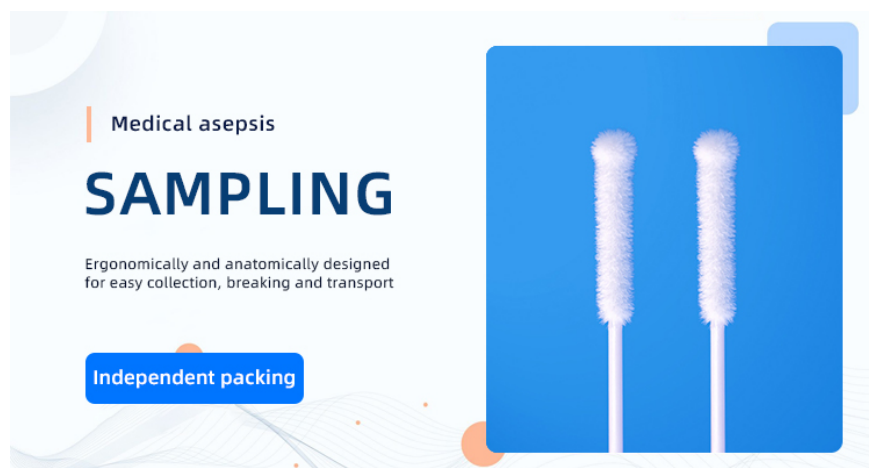
FLOCKED SWABS



Common Applications

Flocked swabs are critical tools in a wide range of fields:

1. Medical and Diagnostic



This is the primary use case, especially highlighted during the COVID–19 pandemic.

- COVID–19 & Viral Testing (PCR): Their superior collection and release of patient cells from the nasopharynx (deep nasal passage) make them the gold standard for many molecular tests. This leads to more accurate test results.
- Forensic DNA Collection: Used to collect biological evidence from crime scenes (e.g., saliva, skin cells, blood) with high efficiency and minimal contamination.
- Bacterial Culture: Effective for collecting samples from wounds, the throat, or other sites for bacterial analysis.
- Gynecology & Urology: Used for STD testing (e.g., Chlamydia, Gonorrhea) as they provide excellent cell collection from the cervix or urethra.

2. Industrial & Electronics

- Precision Cleaning: The fine, non–linting tips are perfect for cleaning delicate components like circuit boards, optical lenses, and medical devices without leaving residue.
- Sample Collection: Used in environmental monitoring and quality control to collect samples from surfaces for analysis.

3. Veterinary

- Similar to human medicine, used for collecting samples from animals for disease testing and DNA analysis.

In short, flocked swabs are a technological upgrade designed for maximum efficiency in sample collection and release. Their unique