

Medical Gauze

Medical gauze is a medical textile, including Gauze Pads, Gauze Bandage, Gauze Roll, Vaseline Gauze.

(1) Traditional gauze: plain weave with medium and coarse special cotton yarn. The organizational structure is sparse. After bleaching and degreasing, it has good moisture absorption and moisture dissipation properties. The product is strictly sterilized by high temperature and high pressure. It is suitable as a base material for medical dressing and covering. The elastic bandage gauze is made of strong twisted cotton strands or spandex cotton core-spun yarns arranged in a left-to-right twist direction as warp yarns, and coarse special single yarns as weft yarns, which are woven by woven plain weave (or knitted warp knitting). The elastic elongation rate of the warp strips can reach 50%, and it has the effect of removing blood stasis and removing blood from the wound.

(2) Wound gauze (or non-stick gauze): cellulose pulp is added with acetic anhydride, esterified under the action of a small amount of sulfuric acid, and spun into cellulose diacetate fiber. It is white, soft, fluffy, non-toxic, tasteless, and does not irritate the skin. The moisture regain rate (at a temperature of 20°C and a relative humidity of 65%) is 6% to 7%. It is woven into gauze and bandages, which has no blood And the advantages of adhesion of purulent secretions can promote early wound healing.

(3) Non-woven gauze: use cotton netting to form medical gauze blanks by spunlace consolidation, which is bleached and disinfected for use.

(4) Composite non-woven fabric gauze: Laminated composite with cotton net and synthetic fiber net. The mesh diameter of the synthetic fiber net is 0.1~3mm, and the corrugation is formed at the same time by hot rolling and compounding to increase its longitudinal elasticity. The amount of medical gauze is large and wide. With the advancement of textile technology, a variety of new specialized gauze is increasing.

