

X-ray-detectable component Consists of suitable materials containing not less than 55% of Barium Sulphate, or a quantity of any other suitable material giving a comparable X-ray opacity. It is reasonable free from loose fibres and particles and does not impair the softness and flexibility of the gauze.

Weight of X-ray detectable yarn Not less than 0.50 g m^{-1} for monofilament yarn or not less than 0.28 g m^{-1} for multifilament yarn when determined by carefully removing the X-ray-detectable component from the material being examined and measuring its length and weight.

X-ray opacity Complies with the test, Appendix XX R.

Labelling The label on the unit container, the label on the shelf container and the label on the outer transit container state (1) whether the fabric complies with the requirements for X-Ray-Detectable Absorbent Cotton Gauze or for X-Ray-Detectable Absorbent Cotton and Viscose Gauze; (2) where appropriate that the gauze has been dyed.

Size available The usual sizes are $5 \text{ cm} \times 5 \text{ cm}$, $7.5 \text{ cm} \times 7.5 \text{ cm}$ and $10 \text{ cm} \times 10 \text{ cm}$ in 8-, 12-, 16- or 32-ply of gauze. Different sizes and other ply may be supplied.

In the absence of instructions to the contrary in the prescription or order, an X-Ray-Detectable Gauze Swab consisting of undyed X-Ray-Detectable Absorbent Cotton Gauze shall be supplied.

CHIROPODIAL PRODUCTS

Animal Wool for Chiropody

Animal Wool; Long Strand Lambs' Wool for Chiropody

Animal Wool for Chiropody consists of hair obtained from the sheep, *Ovis aries* L. The quality of the wool is 46's to 56's (Bradford classification), with an average staple length of not less than 12.5 cm, the longest fibres being not less than 23 cm.

Fibre identification Complies with the tests for *wool*, Appendix XX A.

Ether-soluble substances 2.0 to 5.0% when determined by the following method. Extract 15 g, previously dried at 35° for 30 minutes, with *ether* for 3 hours in an apparatus for the *continuous extraction of drugs*, evaporate the ether from the extract and dry to constant weight at 90° .

Surgical Wool Felt

Chiropodial Wool Felt

Surgical Wool Felt consists of wool obtained from the sheep, *Ovis aries* L., scoured and cleaned to a white or pale cream colour. The quality of the wool is not less than 60's (Bradford classification). Surgical Wool Felt is made by interlocking evenly-carded wool fibres by means of heat and moisture together with repeated alternate processes of compression and relaxation. There are three main types of Surgical Wool Felt, namely soft, semi-compressed and compressed. Surgical Wool Felt is supplied in flat sheets or in loosely wound rolls.

Fibre identification Complies with the tests for *wool*, Appendix XX A.

For the following tests unwrap, open out or unwind the material being examined and subject it to the *regulated atmosphere* for not less than 24 hours immediately before testing and perform the tests in the same atmosphere.

Compression Complies with the appropriate requirement given in Table I. Use the method described under Thickness with the following addition. Increase the load to 10 kN m^{-2} (100 gf cm^{-2}) and measure the compressed thickness after 30 seconds. Calculate the difference between the average compressed thickness and the average initial thickness determined at 2 kN m^{-2} (20 gf cm^{-2}) and express it as a percentage of the average initial thickness.

Recovery Complies with the appropriate requirement in Table I. Use the method described under Compression but immediately after measuring the compressed thickness reduce the load to 2 kN m^{-2} (20 gf cm^{-2}) and measure the recovered thickness after 30 seconds. Calculate the average recovered thickness and express it as a percentage of the average initial thickness at 2 kN m^{-2} (20 gf cm^{-2}).

TABLE I

| Type | Nominal thickness mm | Weight per unit area g m^{-2} | Compression % | Minimum recovery % |
|-----------------|-------------------------|---|------------------|-----------------------|
| Soft | 5.0 | 495 to 605 | 12.5 to 27.5 | 82 |
| | 7.0 | 693 to 847 | 12.5 to 27.5 | 82 |
| | 10.0 | 990 to 1210 | 12.5 to 27.5 | 82 |
| Semi-compressed | 5.0 | 585 to 715 | 10.0 to 20.0 | 89.5 |
| | 7.0 | 819 to 1001 | 10.0 to 20.0 | 89.5 |
| | 10.0 | 1170 to 1430 | 10.0 to 20.0 | 89.5 |
| Compressed | 5.0 | 720 to 880 | 7.5 to 12.5 | 94 |
| | 7.0 | 1008 to 1232 | 7.5 to 12.5 | 94 |
| | 10.0 | 1440 to 1760 | 7.5 to 12.5 | 94 |