



TheraGauze™ Compatibility with Hyperbaric Chambers

TheraGauze™ is safe for use in Hyperbaric Chambers.

TheraGauze™ is safe for use in hyperbaric chambers based on discussions with manufacturers and a review of the National Fire Protection Association (NFPA) regulations for hyperbaric chambers. The two concerns about use in hyperbaric chambers for any material are the likelihood of the material creating a spark and flammability of the material.

NFPA 99 Chapter 20 allows for a type of cloth in the chamber from 100% cotton to a blend of polyester and cotton to reduce the chance of fibers causing a spark. The material in TheraGauze™ would not introduce a spark since it is encased in the moist environment of normal saline and propylene glycol. The use of TheraGauze™, according to protocols, would also lead it to be used underneath other materials being applied and removed outside of the chamber.

The second concern regarding hyperbaric chamber safety is the flammability of the material. *16 CFR Part 1610: Standard For The Flammability Of Clothing Textiles* describes the test for flammability of material used in clothing. The test includes holding a flame to the material for one second. TheraGauze™ took over a minute to even start to scorch. The clothing allowed is more flammable than TheraGauze™.

Based on the above, TheraGauze™ does not present a hazard in hyperbaric chambers.



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