



TECHNICAL DATA SHEET

STERILE AQUASONIC® 100 ULTRASOUND TRANSMISSION GEL

Description:	Viscous, clear, pale yellow, aqueous gel
Size:	20 grams
Composition:	Polymer, humectant, preservatives, and reverse-osmosis water
Preservatives:	Methylparaben, propylparaben
pH Range:	6.50 – 6.95
Density:	1.03 (gm/cm ³)
Velocity:	1.49 (10 ⁵ cm/sec.)
Viscosity:	Not less than 100,000 cps (Brookfield Synchro-Lectric Viscometer, Spindle T-C, RPM 2.5)
Acoustic Impedance:	1.60 (10 ⁵ gm/cm ²)
Bulk Modulus:	2.39 (10 ¹⁰ gm/cm sec ²)
Efficiency:	Over 90 % coupling efficiency at all medical frequencies
Sterility:	Sterility guaranteed unless package is opened or damaged. Sterilized by gamma radiation to SAL 10 ⁻⁶
Expiration Date:	Forty-one months from month of manufacture
Precautions:	No special handling required. Non-flammable, non corrosive and not effected by variations in temperature. Does not contain alcohol.

10/1/09