

29TFF/W is a High Definition precoated fabric dome tweeter with an integrated wide, precoated fabric surround.

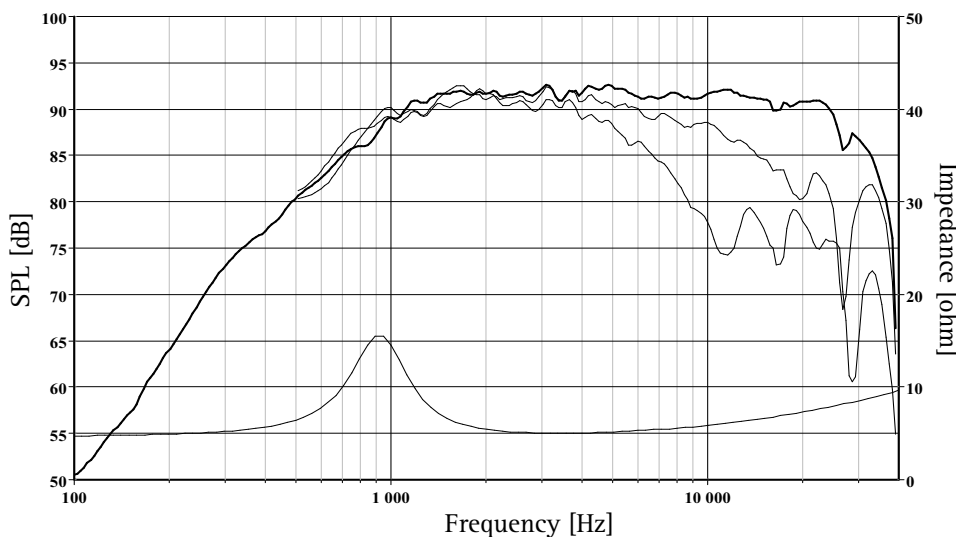
Precoated Sonomex fabric diaphragm allows very tight production tolerances and high consistency.

Wide Sonomex surround for low resonance, excellent mechanical linearity.

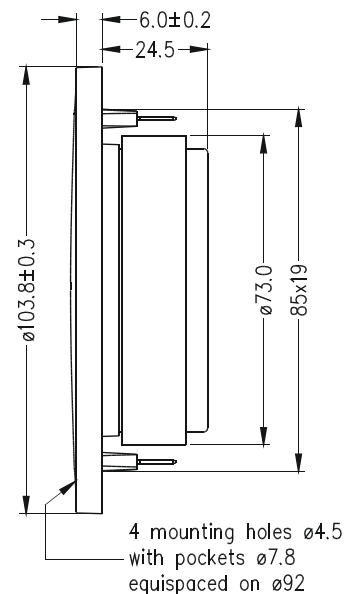
Voice coil windings immersed in magnetic fluid increase short term power handling capacity and reduce the compression at high power levels.

Flexible lead out wires allow this driver to be used with low crossover frequencies.

Two part front plate with smooth, slightly elliptical wave guide made from elastomer provide excellent high frequency response and dispersion. The wave guide conceals (and thus eliminates acoustic effects from) the magnet system screws.



The frequency responses above show measured free field sound pressure in 0, 30, and 60 degrees, mounted in a 0.6m by 0.8m baffle. Input 2.83 V_{RMS}, microphone distance 0.5m, normalized to SPL 1m. The impedance is measured without baffle using a 2V sine signal.



Nominal Impedance	6 Ohms	Voice Coil Resistance	4.7 Ohms
Recommended Frequency Range	2200 - 25000 Hz	Voice Coil Inductance	0.05 mH
Short Term Power Handling *	200 W	Force Factor	3.5 N/A
Long Term Power Handling *	90 W	Free Air Resonance	950 Hz
Characteristic Sensitivity (2.83V, 1m)	92 dB	Moving Mass	0.35 g
Voice Coil Diameter	26 mm	Effective Piston Area	8 cm ²
Voice Coil Height	1.5 mm	Magnetic Gap Flux Density	1.8 T
Air Gap Height	2 mm	Magnet Weight	0.25 kg
Linear Coil Travel (p-p)	0.5 mm	Total Weight	0.53 kg