

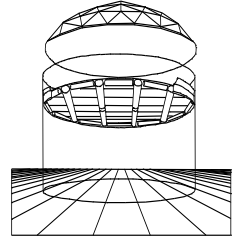


Ultraflote Corporation

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Technology, Quality and Service Since 1972

Internal Floating Covers &
Aluminum Geodesic Domes
Aluminum Geotruss Roofs
Aluminum Flat Panel Covers
Aluminum Insulation Support Decks



ULTRASEAL® I SPECIFICATIONS

COMPOSITION:	PVC-Nitrile blend with additives for strength, abrasion resistance, and chemical resistance.
DESCRIPTION:	Black, 100% closed cell, resilient tapered Wiper Seal approximately 12.5" (317.5mm) wide by 1 1/4" (31.75mm) thick at clamp.
WEIGHT:	Approximately 2 pounds / Lin. Ft. (3 kg/m).
DENSITY:	20 Pounds/Cubic Ft. (320 kg/m ³).
HARDNESS:	9-13 PSI (0.633 – 0.914 kg/cm ²) ASTM D-1056 Compression – Deflection.
SURFACE RESISTIVITY:	ASTM D-257 ACL surface resistivity meter reading of 10 ¹⁰ OHMS/Square: classified as a static dissipative surface.
TENSILE STRENGTH:	240 PSI (16.87 kg/cm ²) ASTM D-412.
PERCENTAGE ELONGATION:	200% ASTM D-412.
FLAME SPREAD RATING:	Approximately 363 ASTM E-162 (320 to 408 actually observed).
TEMPERATURE RESISTANCE:	Low: -40°F (-40°C) 180° bend on 1/2" Mandrel. High Continuous: 150°F (65.5°C) High Intermittent: 220°F (104.4°C)
WEATHER RESISTANCE:	Exposure Rack - 180° bend on 2" Mandrel. No cracks with 7 x magnification. Test begun January 1973 ASTM D-1171-68.
OZONE RESISTANCE:	No cracking after 9 hrs. at 50 PPHM, 40°C ASTM D-1149.
CHEMICAL RESISTANCE:	Crude oil, many petrochemicals, and all petroleum distillates up to 75% aromatics. Petrochemicals with aromatics greater than 75%, ring structure chemicals, and a few other solvents require Ultraseal® II.

Revised May 11, 2010