

**TYPICAL PROPERTIES OF
Visco-cel® V0525**

POLYMER

POLYURETHANE

FLAMMABILITY

FMVSS-302

FAR 25.853 (a) APPENDIX F PART I (a) (1) (ii)

CAL 117

PASS (.063" OR THICKER)¹

PASS (TESTED AT .500")²

PASS

PHYSICAL PROPERTY	TEST METHOD	UNIT OF MEASURE	RESULT
DENSITY	ASTM D3574	lb/ft ³ kg/m ³	3.5 - 6.5 56 - 104
INDENTION FORCE DEFLECTION @ 25% ³	ASTM D3574	lbs Newtons	20 - 30 89 - 133
TENSILE STRENGTH ⁵	ASTM D3574	psi kPa	15 (MIN) 67 (MIN)
ELONGATION ⁵	ASTM D3574	%	200 (MIN)
TEAR RESISTANCE	ASTM D624	lb/in kN/m	3.5 (MIN) .61 (MIN)
COMPRESSION SET ⁴	ASTM D1056	%	3 (MAX)
COMPRESSION SET	ASTM D3574	%	5 (MAX)
RESILIENCY BALL REBOUND	ASTM D2632	%	3
COLOR	N/A	N/A	GREY

¹ Submit request for any thickness below .063".

² The Federal Aviation Administration requires certified, lot number specific testing. Call for more details.

³ Sample size deviation of 2" x 12" x 12".

⁴ Compression Set performed at 73.4 +/- 3.6 deg F, compressed 50% for 22 hrs, 24 hr recovery

⁵ Tested at .125" thickness, alternative thickness data available upon request

This information is furnished as a guide for selecting materials. Rubberlite Inc. disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

Issue 10 4/5/10