



SPECIFICATION SHEET

Toll Free (800) 955-4637 www.AccuGeo.com
 Ph. (661) 321-0447 Fax (661) 321-0449
 321 Industrial St. Bakersfield, CA 93307

Ethylene Propylene Diene Terpolymer (EPDM)

Property	Test Method	Values	
Thickness (mils nominal)	ASTM D5199	45	60
Unit Weight (lb/ft ²)	ASTM D751	0.28	0.40
Specific Gravity	ASTM D792	1.1	1.1
Tensile Strength, Die C (min psi)	ASTM D412	1305	1305
Ultimate Elongation, Die C min (% min)	ASTM D412	300	300
Tear Resistance, Die C (lbf/in)	ASTM D624	150	230
Puncture Resistance (lbs)	ASTM D4833	30	43
Shore A Durometer	ASTM D2240	65-10	65-10
Resistance to Ozone	ASTM D1149, 7 days/100@150°F 50% ext.	No Cracks	
Multiaxial Elongation (%)	ASTM D5617	100	100
Oven Aging at 116° C (240° F) for 670 hours	ASTM D573		
Tensile Strength, Die C (psi)	ASTM D412	1205	1205
Ultimate Elongation, Die C (%)	ASTM D412	200	200
Tear Resistance, Die C (lbf/in)	ASTM D624	125	213
Xenon Arc for 5040kJ/(m ² .nm) @ 340 nm @ 80°C	ASTM G155 / G151		
Visual Inspection (7X)	ASTM D518	Pass	Pass
No cracks or crazing bent loop @ 10% strain			
Brittleness Point	ASTM D2137	-49° F	-49° F
Water Resistance (%)	ASTM D471, 166 hrs immersion @ 158°F	+8, -2	+8, -2
Water Vapor Permeability (max perm mils)	ASTM E96	2.0	2.0
Linear Dimensional Change (% max)	ASTM D1204	± 1.0	± 1.0
Chronic Toxicity Screening	EPA/600/4-89/001	Pass	Pass
	ASTM E729, Method 1000.0	Pass	Pass

All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon test and data believed to be reliable; however, it is the user's responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by AccuGeo Liner, Inc. as to the effects of such use or the results to be obtained, nor does AccuGeo Liner, Inc. assume any liability in connection herewith. Any Statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein contained is to be construed as permission or as a recommendation to infringe any patent.