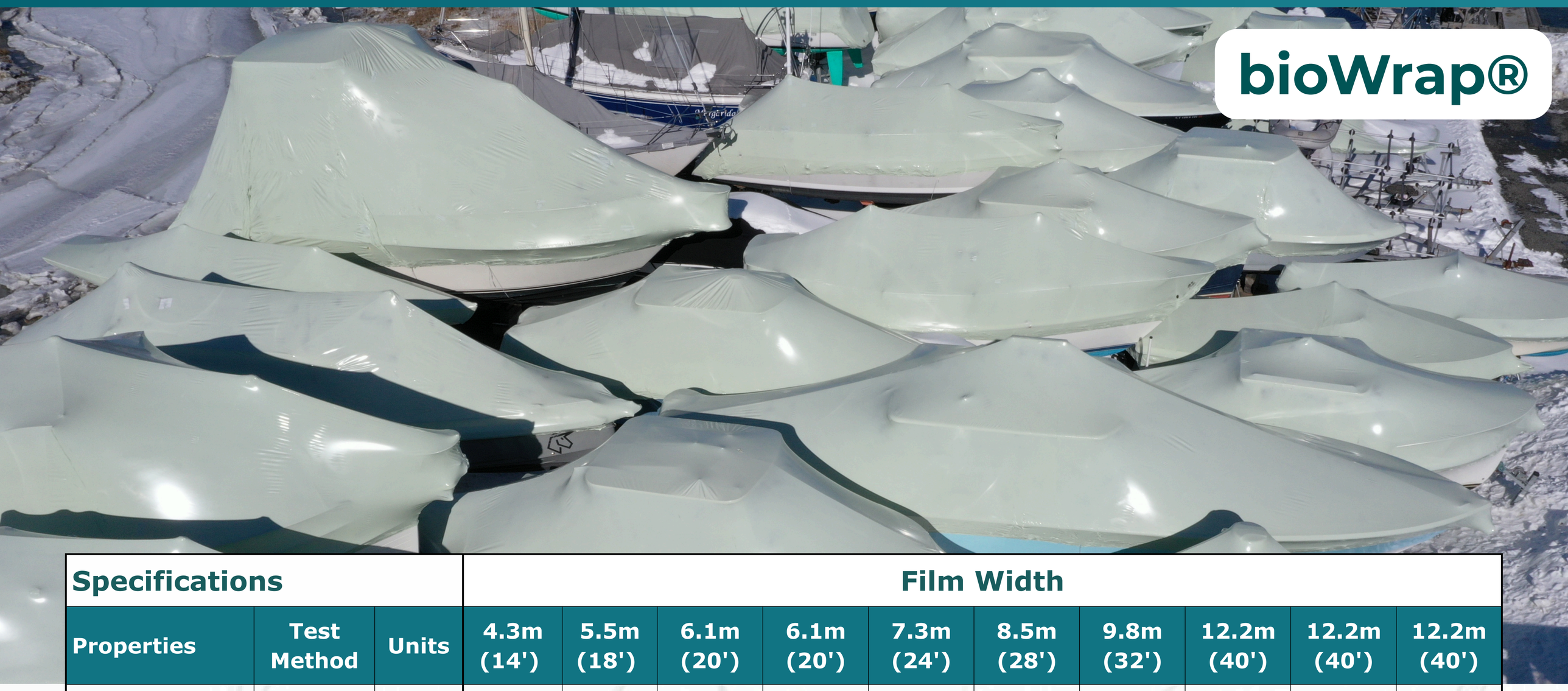
bioaqualife®

Landfill-Biodegradable Shrinkwrap Products

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Specifications			Film Width									
Properties	**Test Method**	**Units**	**4.3m (14')**	**5.5m (18')**	**6.1m (20')**	**6.1m (20')**	**7.3m (24')**	**8.5m (28')**	**9.8m (32')**	**12.2m (40')**	**12.2m (40')**	**12.2m (40')**
Thickness	ASTM D5199	µm	180 µm	180 µm	190 µm	190 µm	190 µm	190 µm	190 µm	190 µm	230 µm	280 µm
Length	ASTM D5199	m	63	49	44	81	68	58	51	41	34	28
Tensile Load (MD)	ASTM D882	mPa	24.1	24.8	24.8	24.8	26.2	25.5	26.2	26.9	24.8	24.8
Tensile Load (TD)	ASTM D882	mPa	24.1	24.8	24.8	24.8	26.2	25.5	26.2	29.6	27.6	27.6
Tensile Elongation (MD)	ASTM D882	%	700	700	700	700	750	600	700	700	700	700
Tensile Elongation (TD)	ASTM D882	%	700	700	700	700	750	800	750	800	800	800
Elmendorf Tear (MD)	ASTM D1922	g	875	975	1150	1250	1400	700	850	850	1275	1750
Elmendorf Tear (TD)	ASTM D1922	g	1900	1700	1550	1650	1800	2100	2050	1650	2550	3000
Puncture	ASTM D4833	N	73.4	73.4	74.3	77.4	75.2	78.7	82.3	81.4	106.8	125
Impact Resistance	ASTM D1709 B	g	650	675	675	730	730	540	540	665	800	950
Shrink	ASTM D1204	%	40	45	45	45	45	40	40	40	40	40
Opacity	RQC-014	%	60	60	60	60	60	60	60	60	60	60
Fire Safety	ASTM E84		Class A									

Note: Shrink properties are an average of MD and TD values. To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, No guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage

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