

# DuraPro™ Polypropylene Co-Polymer Tag Stock – White or Custom Colors

<b>Description</b>	DuraPro™ is a toughened co-polymer designed for outdoor or extended use applications. Standard in white but can also be custom manufactured in colors. Does not contain any heavy metals that may be found in PVC's. Also available in FDA grades.
<b>Characteristics</b>	DuraPro™ can be printed with UV, conventional offset, screen and flexographic processes. Can be grommeted, die cut, hot stamped, stapled, vacuum formed, perforated, punched, hot or cold folded and glued. Has phenomenal hinge life for book cover or folding applications.
<b>Applications</b>	Horticultural tags, door hangers, book covers, menus, shelf danglers, lumber tags, banners, POP signage, waterproof charts, mail box wraps and maps.
<b>Sizes Available</b>	Gauges 4.0 mil to 20.0 mil Width 0.5" to 60"

Typical Properties		Results				Method
		4.0 mil – 7.9 mil (0.10mm - .02mm)	8.0 mil – 15.8 mil (0.201mm-0,4mm)	16.0 mi– 20.0 mil (0.401mm-0.5mm)		
Thickness		%	+/- 7	+/- 7	+/- 5	Micro-gauge
Tensile Strength	MD	psi	4000	3500	3500	ASTM-D638
	CD		2500	2000	2500	
Elongation	MD	%	500	300	300	ASTM-D638
	CD		80	60	60	
Surface Tension	A	dyne/cm	45	45	45	ASTM-D2578
	B		45	45	45	
Roughness 463 EMB	A		15-35	15-35	15-35	JIS-B0601
	B		25-60	25-60	25-60	
Gloss Value 60%	A		2-5	2-5	2-5	ASTM-D523
	B		2-5	2-5	2-5	
Transmittance		%	25 ↓	18 ↓	10 ↓	ASTM-D1003
Whiteness		W	78 ↑	78 ↑	78 ↑	ASTM-E313
Surface Resistance			$<9 \times 10^{12}$			ASTM-D257
Specific Gravity			1.17 +/- 0.03			

Effective 01/16/15

IMPORTANT NOTICE TO BUYER: Replaces all prior spec sheets. All statements, information and recommendations herein are based on calculations and tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed. Before using, user shall determine suitability of the product for its intended use and user assumes all risk and liability whatsoever in connection therewith. Seller neither makes, nor shall be bound by, any warranty, expressed, implied, statutory or otherwise. The seller limits its obligation to replacement or, at its option, reimbursement of the purchase price of products shown to the seller's satisfaction to have been defective at the time the seller sold it. FilmLOC® is a registered trademark.



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