

Syntuff™ Yellow HDPE Printable Tag Stock

Description	Syntuff™ is an HDPE printable tag stock with moderate opacity. It is available standard or with weather resistant UV inhibitors. Available in white and colors.
Characteristics	Can be spot color printed for indoor or outdoor applications
Applications	Lumber tags, agricultural applications, drum labels, product identification tags, indoor and outdoor signage.
Sizes Available	Gauges 2.0 mil to 10.0 mil

Physical Properties												Effective 01/16/15
Gauge mil	2.0	2.5	3.0	3.5	4.0	5.0	6.0	7.0	7.5	8.0	10	
Density gm/cc	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970	0.970	
Yield MSI/lb	14.269	11.415	9.513	8.154	7.134	5.707	4.756	4.077	3.805	3.567	2.854	
Basis Wt #/Ream	30.92	38.65	46.38	54.11	61.84	77.30	92.74	108.22	115.96	123.68	154.56	
Tensile Strength												
PSI MD	4500	4400	4350	4300	4285	4260	4250	4230	4230	4210	4190	
PSI TD	4400	4300	4200	4150	4103	4080	4060	3980	3941	3920	3850	
Max Elong MD	200	300	300	400	595	600	610	615	637	642	680	
TD	300	300	300	400	588	575	590	595	598	618	650	
Secant Modulus												
PSI MD	150000	140000	130000	125000	120125	110000	105000	103000	102886	102500	102000	
PSI TD	170000	150000	140000	135000	126785	115000	110000	107000	103783	103500	103000	
COF Static	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	
Dynamic	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	
Elmendorf Tear												
g MD	140	150	190	225	246	530	600	700	864	875	1030	
g TD	290	290	300	325	345	620	700	780	816	850	1000	
Opacity %	56	60	64	68	72	84	88	92	95	98	99	

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.

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