

# Syntuff™ White HDPE Printable Tag Stock

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|------------------------|---|
| <b>Description</b>     | 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. |
| <b>Characteristics</b> | Can be spot color printed for indoor or outdoor applications  |
| <b>Applications</b>    | Lumber tags, agricultural applications, drum labels, product identification tags, indoor and outdoor signage  |
| <b>Sizes Available</b> | 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       | 0.9906 | 0.9906 | 0.9906 | 0.9906 | 0.9906 | 0.9906 | 0.9906 | 0.9906 | 0.9906 | 0.9906 | 0.9906 |                    |
| Yield MSI/lb        | 13.972 | 11.177 | 9.314  | 7.984  | 6.986  | 5.589  | 4.658  | 3.992  | 3.726  | 3.493  | 2.7945 |                    |
| 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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