

Endure the Outdoors

WITH LUMBER AND OUTDOOR TAGS



These high-performing materials are specifically designed for the demands of outdoor conditions



The outdoor elements create some of the most demanding challenges for facestocks and wire tags. Technicote's lumber and other outdoor products are among the most versatile and best suited solutions available today to combat such conditions and ensure the quality your products deserve.

LUMBER AND OUTDOOR TAG CHART

Product	Description	Caliper	Tensile Strength	Tear Strength	Elongation	Service Temp Range	26 ga. Wire Pull Test (MD)	Opacity	UV Resistance	Outdoor Durability	Thermal Transfer Printable	Writability (ballpoint)	Other Print Methods	Regulatory
1073 - D TYVEK	A durable sheet that is stronger than paper, less expensive and more versatile than fabrics. It is made from high density polyethylene fibers and is considered a spunbonded olefin offering a balance of physical characteristics likened to a paper, film and cloth.	8 mil	MD: 42 lbs/in. CD: 48 lbs/in.	MD: 453 gm/mm CD: 453 gm/mm	MD: 20 CD: 24	-99° F to 275° F	-	96.5	Not recommended for prolonged sun exposure	Not recommended for prolonged sun exposure	Yes	Yes	Yes under 275F	RoHS, Reach, CPSIA, Prop 65, TPCH, Indirect Food
6 MILL SYNTHETIC PAPER	A matte white reinforced polypropylene film suitable for a wide range of applications where durability, strength, moisture, chemical resistance and superb printability (including thermal transfer) are required. FDA compliant.	6 mil	MD: 4,040 lbs/in. CD: 2,540 lbs/in.	MD: 520 gm/mm CD: 605 gm/mm	MD: >500 CD: >80	-30° F to 220F	0 - 40	90	Tested for up to 650 hours under ASTM-G53	Up to 1 year	Yes	Yes	Flexo, Screen, UV Inkjet, Offset Litho	RoHS, Reach, CPSIA, Prop 65, TPCH, Indirect Food
8 MILL WHITE SYNTHETIC PAPER	A matte white reinforced polypropylene film suitable for a wide range of applications where durability, strength, moisture, chemical resistance and superb printability (including thermal transfer) are required. FDA compliant.	8 mil	MD: 4,000 lbs/in. CD: 2,500 lbs/in.	MD: 525 gm/mm CD: 600 gm/mm	MD: >300 CD: >80	-30° F to 220° F	-	91.5	Tested for up to 650 hours under ASTM-G53	Up to 1 year	Yes	Yes	Flexo, Screen, UV Inkjet, Offset Litho	RoHS, Reach, CPSIA, Prop 65, TPCH, Indirect Food
10 MILL SYNTHETIC PAPER	A matte white reinforced polypropylene film suitable for a wide range of applications where durability, strength, moisture, chemical resistance and superb printability (including thermal transfer) are required. FDA compliant.	10 mil	MD: 4,000 lbs/in CD: 2,500 lbs/in.	MD: 550 gm/mm CD: 630 gm/mm	MD: >300 CD: >80	-30° F to 220° F	-	91.5	Tested for up to 650 hours under ASTM-G53	Up to 1 year	Yes	Yes	Flexo, Screen, UV Inkjet, Offset Litho	RoHS, Reach, CPSIA, Prop 65, TPCH, Indirect Food
6 MILL HIGH END SYNTHETIC HDPE	A matte smooth white reinforced polyethylene film suitable for a wide range of applications where durability, strength, moisture, chemical resistance and superb printability (including flexo, litho, gravure, and thermal transfer) are required.	6 mil	MD: 5,500 lbs/in. CD: 4,100 lbs/in.	MD: 170 gm/mm CD: 2,700 gm/mm	MD: 1,100 CD: 1,000	-65° F to 180° F	18 lbs.	70	1 year minimum	Excellent	Yes, Testing Recommended	Fair to Good	-	RoHS, Reach, CPSIA, Prop 65, TPCH, Indirect Food
7.5 MILL HIGH END SYNTHETIC HDPE	A matte smooth white reinforced polyethylene film suitable for a wide range of applications where durability, strength, moisture, chemical resistance and superb printability (including flexo, litho, gravure, and thermal transfer) are required.	7 mil	MD: 5,200 lbs/in. CD: 4,050 lbs/in.	MD: 260 gm/mm CD: 1,800 gm/mm	MD: 1,200 CD: 2,700	-65° F to 180° F	24 lbs.	80	1 year minimum	Excellent	Yes, Testing Recommended	Fair to Good	-	RoHS, Reach, CPSIA, Prop 65, TPCH, Indirect Food
10 MILL HIGH END SYNTHETIC HDPE	A matte smooth white reinforced polyethylene film suitable for a wide range of applications where durability, strength, moisture, chemical resistance and superb printability (including flexo, litho, gravure, and thermal transfer) are required.	10 mil	MD: 4,100 lbs/in. CD: 4,050 lbs/in.	MD: 450 gm/mm CD: 1,700 gm/mm	MD: 950 CD: 950	-65° F to 180° F	25+ lbs.	80	1 year minimum	Excellent	Yes, Testing Recommended	Fair to Good	-	RoHS, Reach, CPSIA, Prop 65, TPCH, Indirect Food
7 MILL WHITE LUMBERTUFF®	Coated two side Lumbertuff® that has a clay coating on both sides for printability, including thermal transfer. Extremely versatile for applications that need strength and good print results.	7 mil	MD: 28 lbs/in. CD: 30 lbs/in.	MD: 6.8 lbs (ASTM D1004) CD: 6.0 lbs (ASTM D1004)	-	-70° F to 180° F	-	72	6 months	-	Yes, Testing Recommended	Good	Flexo, Litho & Letterset, Testing Recommended	RoHS, Reach, CPSIA, Prop 65, TPCH, Indirect Food
7.5 MILL UNCOATED LUMBERTUFF	A high density polyethylene film construction designed for economical applications where high tear strength and superior tear resistance is required.	7.5 mil	MD: 30 lbs/in CD: 33 lbs/in	MD: 7.3 lbs (ASTM D1004) CD: 6.6 lbs (ASTM D1004)	-	-70° F to 180° F	-	70	6 months	-	Yes, Testing Recommended	Not Recommended	Flexo, Litho & Letterset, Testing Recommended	RoHS, Reach, CPSIA, Prop 65, TPCH, Indirect Food

*Product performance depends on many variables; testing for a specific application is recommended.

BUILT TO LAST

The outdoor elements create some of the most demanding challenges for facestocks and wire tags. Technicote's lumber and other outdoor products are among the most versatile and best suited solutions available today to combat such conditions and ensure the quality your products deserve.

WIDE PORTFOLIO SELECTION

Whether you are looking for more durable moisture resistant labels or cost effective paper, Technicote's line includes dozens of materials.

THE RIGHT PRODUCT

Technicote is proud of its knowledgeable technical staff — always creating new products and providing application suggestions. To learn more about Technicote's applications for its Lumber and outdoor tags call us today at (800) 358- 4448.

TEAR RESISTANCE

Tear resistance is needed on lumber tags as they need to withstand pressure and various stresses without breaking

WIDE PORTFOLIO SELECTION

Many outdoor tag and lumber tag products require long-term outdoor exposure including extreme temperatures, high moisture levels and/or exposure to chemicals.

PRINTABILITY

All of Technicote's lumber tag and outdoor tags are designed for printing and can be utilized as a tag or a pressure sensitive product. With most lumber and outdoor tags, thermal transfer printing is utilized to provide the specific item and UPC information. Technicote's products use coatings as well as corona treatment to improve the printability of the films.

PRODUCT	DESCRIPTION
1073 D- TYVEK	A durable sheet that is stronger than paper, less expensive and more versatile than fabrics. It is made from high density polyethylene fibers and is considered a spunbonded olefin offering a balance of physical characteristics likened to a paper, film and cloth.
Synthetic Paper	A matte smooth white reinforced polyethylene film suitable for a wide range of applications where durability, strength, moisture, chemical resistance and superb printability (including flexo, lithe, gravure, and thermal transfer) are required. Available in 6, 8, and 10 mil.
High End Synthetic HDPE	A matte smooth white reinforced polyethylene film suitable for a wide range of applications where durability, strength, moisture, chemical resistance and superb printability (including flexo, lithe, gravure, and thermal transfer) are required. Available in 6, 7.5, and 10 mil.
7 mil C25 White Lumbertuff®	A matte smooth white reinforced polyethylene film suitable for a wide range of applications where durability, strength, moisture, chemical resistance and superb printability (including flexo, lithe, gravure, and thermal transfer) are required.
7.5 mil Uncoated Lumbertuff®	A high density polyethylene film construction designed for economical applications where high tear strength and superior tear resistance is required.

For data sheets or more information about Lumber and Outdoor Tags, contact your sales representative or visit technicote.com.

* All Technicote statements do not constitute a guarantee or warranty. Products are sold with the understanding that purchase has determined the suitability for its purposes.
* Removable performance can vary based on end-use surfaces and application. Direct inquiries can be made to Technicote's Technical Team at 1 (800) 358-4448.



Technicote Corporate Headquarters 222 Mound Avenue Miamisburg, OH 45342 800-358-4448 technicote.com

Technicote® is a registered trademark of Technicote, Inc.