

DUPONT™ TYVEK® 1460C

PRODUCT PROPERTIES—ENGLISH UNITS

Product Features:
Corona Treatment
Contains UV Stabilizer

Specification Properties (English Units)

Property	Comparable Test Method	Units	Tyvek® 1460C
Basis Weight	ASTM D3776 ¹	oz/yd ²	1.74 [1.65–1.81]
Tensile Strength, MD	ASTM D5035 ² EN ISO 1924 ²	lb _f /in	16.6 [14.8–18.4]
Delamination	ASTM D2724 ³	lb _f /in	0.08 [0.03–0.11]

Notes: Specification properties are based on roll averages from samples taken uniformly across the sheet. Specification properties are controlled to a nominal value and released within specification; the ranges listed represent the controlled minimum and maximum values in which the product is released. The customer is responsible for determining that Tyvek® is suitable for the intended application.

Tyvek® styles that contain UV stabilizers do so to extend the service life versus un-stabilized Tyvek® on UV exposure. Specification of UV service life is the responsibility of the customer, as it is heavily dependent on the application and method of use.

1. Sample size 100 cm²
2. Modified for speed, sample width, and gauge length
3. Modified for speed and sample width

Miscellaneous Properties (English Units)

Property	Comparable Test Method	Units	Tyvek® 1460C
Tensile Strength, CD	ASTM D5035 ² EN ISO 1924 ²	lb _f /in	14.6
Thickness	DIN EN ISO 534 (04) ⁴	mils	7.5
Mullenburst	ISO 2758 (01)	psi	78.3
Gurley Hill Porosity	TAPPI T 460 (06) ⁵	sec	85
Hydrostatic Head	DIN EN 20811 (1992) ⁶	inches H ₂ O	61

Notes: Miscellaneous properties are typical values based on roll averages from samples taken uniformly across the sheet. Miscellaneous properties are not controlled in the process; therefore, they are subject to slight change from normal process drift.

MD = machine direction; CD = cross direction.

2. Modified for speed, sample width, and gauge length
4. Area = 2 cm²; pressure = 50 kPa
5. Pressure: 20 kPa, electronic device
6. Rate of use: 60 cm H₂O/min

For more information about DuPont™ Tyvek®, call us today at 1.800.44.TYVEK

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DUPONT™ TYVEK® 1460C

PRODUCT PROPERTIES—METRIC UNITS

Product Features:
Corona Treatment
Contains UV Stabilizer

Specification Properties (Metric Units)

Property	Comparable Test Method	Units	Tyvek® 1460C
Basis Weight	ASTM D3776 ¹	g/m ²	59.0 [56.5–61.5]
Tensile Strength, MD	ASTM D5035 ² EN ISO 1924 ²	N/2.54 cm	74 [66–82]
Delamination	ASTM D2724 ³	N/2.54 cm	0.35 [0.15–0.50]

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1. Sample size 100 cm²
2. Modified for speed, sample width, and gauge length
3. Modified for speed and sample width

Miscellaneous Properties (Metric Units)

Property	Comparable Test Method	Units	Tyvek® 1460C
Tensile Strength, CD	ASTM D5035 ² EN ISO 1924 ²	N/2.54 cm	65
Thickness	ASTM D1777 ⁴ EN ISO 534 ⁴	µm	190
Mullenburst	ISO 2758 (01)	kPa	540
Gurley Hill Porosity	TAPPI T 460 (06) ⁵	sec	85
Hydrostatic Head	DIN EN 20811 (1992) ⁶	cm H ₂ O	155

Notes: Miscellaneous properties are typical values based on roll averages from samples taken uniformly across the sheet. Miscellaneous properties are not controlled in the process; therefore, they are subject to slight change from normal process drift.

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K-29459 (8/17)