

DuPont™ Tyvek® 1025D

Product Properties—Metric Units

Product Features:
Antistatic Treatment
Corona Treated

Specification Properties (Metric Units)

Property	Comparable Test Method	Units	Tyvek® 1025D
Basis Weight	DIN EN ISO 536 (96) ¹	g/m ²	42.5 [40.5–45.0]
Delamination	ASTM D2724-03 ³	N	1.00 [0.70–1.4]

Notes: All specification properties are typical values based on mill roll averages, with samples taken uniformly across the sheet.

1. Modified for size: 100 cm²

3. Modified for: length of delamination = 116 mm, width 25.4 mm, speed = 127 mm/min and clamp distance = 60 mm

Miscellaneous Properties (Metric Units)

Property	Comparable Test Method	Units	Tyvek® 1025D
Opacity	ISO 2471 (98) ⁴	%	96
Elmendorf Tear, MD	DIN EN 21974 (94)	N	6.0
Elmendorf Tear, CD	DIN EN 21974 (94)	N	5.7
Tensile Strength, MD	DIN EN ISO 1924-2 (08) ⁵	N	94
Tensile Strength, CD	DIN EN ISO 1924-2 (08) ⁵	N	90
Elongation, MD	DIN EN ISO 1924-2 (08)	%	11–21
Elongation, CD	DIN EN ISO 1924-2 (08)	%	15–25
Mullenburst	ISO 2758 (01)	kPa	550
Thickness	DIN EN ISO 534 (05) ²	μm	140

Notes: Miscellaneous properties are typical values based on mill roll averages, unless otherwise noted but are not warranted in any way, expressed or implied. Miscellaneous properties are not controlled in the process and are subject to normal process drift.

MD = machine direction; CD = cross direction.

2. Surface 2 cm², pressure 50kPa

4. Modified for: backing standards, measuring area, and illumination = wide area.

5. Modified for: speed = 100 mm/min and gauge length = 127 mm; width 25.4 mm

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DuPont™ Tyvek® 1025D

Product Properties—English Units

Product Features:
Antistatic Treatment
Corona Treated

Specification Properties (English Units)

Property	Comparable Test Method	Units	Tyvek® 1025D
Basis Weight	DIN EN ISO 536 (96) ¹	oz/yd ²	1.25 [1.19–1.33]
Delamination	ASTM D2724-03 ³	lb _f	0.225 [0.157–0.315]

Notes: All specification properties are typical values based on mill roll averages, with samples taken uniformly across the sheet.

1. Modified for size: 100 cm²

3. Modified for: length of delamination = 116 mm, width 25.4 mm, speed = 127 mm/min and clamp distance = 60 mm

Miscellaneous Properties (English Units)

Property	Comparable Test Method	Units	Tyvek® 1025D
Opacity	ISO 2471 (98) ⁴	%	96
Elmendorf Tear, MD	DIN EN 21974 (94)	lb _f	1.35
Elmendorf Tear, CD	DIN EN 21974 (94)	lb _f	1.28
Tensile Strength, MD	DIN EN ISO 1924-2 (08) ⁵	lb _f	21.13
Tensile Strength, CD	DIN EN ISO 1924-2 (08) ⁵	lb _f	20.23
Elongation, MD	DIN EN ISO 1924-2 (08)	%	11–21
Elongation, CD	DIN EN ISO 1924-2 (08)	%	15–25
Mullenburst	ISO 2758 (01)	psi	79.77
Thickness	DIN EN ISO 534 (05) ²	mils	5.5

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MD = machine direction; CD = cross direction.

2. Surface 2 cm², pressure 50kPa

4. Modified for: backing standards, measuring area, and illumination = wide area.

5. Modified for: speed = 100 mm/min and gauge length = 127 mm; width 25.4 mm

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