

DuPont™ Tyvek® 1443R

Product Properties—Metric Units

Product Features:
Antistatic Treatment
Corona Treated

Specification Properties (Metric Units)

Property	Comparable Test Method	Units	Tyvek® 1443R
Basis Weight	ASTM D3776 ¹ EN ISO 536 ¹	g/m ²	43 [41–45]
Delamination	ASTM 2724 ²	N/2.54 cm	0.58 [0.18 minimum]

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.

1. Modified for sample size.
2. Modified for speed and sample width.

Miscellaneous Properties (Metric Units)

Property	Comparable Test Method	Units	Tyvek® 1443R
Thickness	ASTM D1777 ¹ EN ISO 534 ¹	µm	155
Tensile Strength, MD	ASTM D5035 ² EN ISO 1924 ²	N/2.54 cm	49
Tensile Strength, CD	ASTM D5035 ² EN ISO 1924 ²	N/2.54 cm	48
Elongation, MD	ASTM D5035 ² EN ISO 1924 ²	%	11
Elongation, CD	ASTM D5035 ² EN ISO 1924 ²	%	20
Tongue Tear, MD	ASTM 2261 ³	N	9.8
Tongue Tear, CD	ASTM 2261 ³	N	9.8
Mullen Burst	ASTM D774 ISO 2758	KPa	359

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.

1. Area = 2 cm²; pressure = 50 kPa
2. Modified for speed and gauge length.
3. Integration average method. Modified for speed and gauge length.

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DuPont™ Tyvek® 1443R

Product Properties—English Units

Product Features:
Antistatic Treatment
Corona Treated

Specification Properties (English Units)

Property	Comparable Test Method	Units	Tyvek® 1443R
Basis Weight	ASTM D3776 ¹ EN ISO 536 ¹	oz/yd ²	1.27 [1.20–1.33]
Delamination	ASTM 2724 ²	lb _f /inch	0.13 [0.04 minimum]

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.

1. Modified for sample size.
2. Modified for speed and sample width.

Miscellaneous Properties (English Units)

Property	Comparable Test Method	Units	Tyvek® 1443R
Thickness	ASTM D1777 ¹ EN ISO 534 ¹	mils	6.1
Tensile Strength, MD	ASTM D5035 ² EN ISO 1924-2 ²	lb _f /inch	10.9
Tensile Strength, CD	ASTM D5035 ² EN ISO 1924-2 ²	lb _f /inch	10.7
Elongation, MD	ASTM D5035 ² EN ISO 1924-2 ²	%	11
Elongation, CD	ASTM D5035 ² EN ISO 1924-2 ²	%	20
Tongue Tear, MD	ASTM 2261 ³	lb _f	2.2
Tongue Tear, CD	ASTM 2261 ³	lb _f	2.2
Mullen Burst	ASTM D774 ISO 2758	psi	52

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.

1. Area = 0.625 in²; pressure = 7.15 psi
2. Modified for speed and gauge length.
3. Integration average method. Modified for speed and gauge length.

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