

Specification Properties of Legacy Tyvek® 1073B and 1059B and Transition Tyvek® 1073B and 1059B



Tyvek.

English

Property	Comparable Standard Test Method	Units	Nominal Value [range]		Nominal Value [range]	
			Legacy Tyvek® 1073B	Transition Tyvek® 1073B	Legacy Tyvek® 1059B	Transition Tyvek® 1059B
Basis Weight	ASTM D3776 ¹ EN ISO 536 ¹	oz/yd ²	2.20 [2.10–2.30]	2.20 [2.10–2.30]	1.90 [1.82–1.98]	1.90 [1.82–1.98]
Delamination	ASTM D2724 ²	lb _f	0.5 [0.4–0.7]	0.6 [0.4–0.8]	0.5 [0.3–0.7]	0.6 [0.4–0.8]
Gurley Hill Porosity	TAPPI T460 ¹ ISO 5636-5 ³	sec/100 cc	22 [8–36]	22 [8–36]	20 [8–36]	22 [8–36]

Metric

Property	Comparable Standard Test Method	Units	Nominal Value [range]		Nominal Value [range]	
			Legacy Tyvek® 1073B	Transition Tyvek® 1073B	Legacy Tyvek® 1059B	Transition Tyvek® 1059B
Basis Weight	ASTM D3776 ¹ EN ISO 536 ¹	g/m ²	74.7 [71.2–78.0]	74.7 [71.2–78.0]	64.5 [61.7–67.1]	64.5 [61.7–67.1]
Delamination	ASTM D2724 ²	N	2.3 [1.6–3.1]	2.6 [1.8–3.6]	2.2 [1.5–2.9]	2.6 [1.8–3.6]
Gurley Hill Porosity	TAPPI T460 ¹ ISO 5636-5 ³	sec/100 cc	22 [8–36]	22 [8–36]	20 [8–36]	22 [8–36]

NOTES: Specification properties are controlled to a nominal value and released within specifications. The customer is responsible for determining that Tyvek® is suitable for the intended application. The ranges represent the controlled minimum and maximum values in which the product is released. Specification properties are typical values based on roll averages, with samples taken uniformly across the sheet. These properties are representative for uncoated Tyvek® as sold by DuPont. Any downstream operations, such as coatings applied by sterile packaging manufacturers (SPMs), may change these values.

1. Modified sample size.
2. Modified for speed, sample width (2.54 cm/1 in.) and gauge length.
3. Modified for sealing fluid characteristics.