

Technical Properties of Tyvek® Soft Structure

Property	Unit	Style 1443R Range ⁽¹⁾	Style 1473R Range ⁽¹⁾	Style 1560B Range ⁽¹⁾	Style 1622E Range ⁽¹⁾	Test Method
Basis Weight	g/m ²	43.0 41.0-45.0	73.0 71.0-74.0	58.0 55.5-60.5	41.5 39.0-44.0	DIN EN ISO 536 ⁽²⁾
Thickness	µm	145 80-210	220 150-280	165 100-230	145 80-215	DIN EN 20534 ⁽⁴⁾
Tensile MD ⁽³⁾	N/2.54 cm	44 38-50	62 55-70	165 140-190	82 68-96	DIN EN ISO 1924-2 ⁽⁵⁾
Tensile XD ⁽³⁾	N/2.54 cm	42 35-45	66 55-79	140 115-165	72 55-90	DIN EN ISO 1924-2 ⁽⁵⁾
Tongue Tear MD ⁽³⁾	N	11.5 6.5-16.5	15.0 12.0-19.0			ISO 4674-A2 ⁽⁶⁾
Tongue Tear XD ⁽³⁾	N	12.0 9.0-15.0	20.0 19.0-22.0			ISO 4674-A2 ⁽⁶⁾
Hydrostatic Head	cm H ₂ O	80 50-110	156 136-177	185 160-210		DIN EN 20811 ⁽⁷⁾
Delamination (MD)	N/2.54 cm	0.3 0.1-0.5	0.19 0.12-0.27	0.35 0.20-0.50		ASTM D2724-87 ⁽⁸⁾
Burst Strength	kPa	360 300-400	625 510-740			ISO 2758
Treatment ⁽⁹⁾ Microperforated UV-Stabilized Logo Embossed Corona Antistat		Yes Yes	Yes Yes	Yes Yes	Yes	

- (1) Ranges are estimates only for 99.7% of the product based upon roll average standard deviation except thickness ranges which are based on individual specimens
- (2) Sample size 100 cm²
- (3) MD is Machine Direction, XD is Cross Direction
- (4) Surface 2 cm², pressure 100 kPa

- (5) Modified for speed and length
- (6) Modified for sample size, speed and expression of results
- (7) Rate of use: 60 cm H₂O/min
- (8) t° range: 21-24°C, humidity range: rH 34-65%
- (9) Treatments where indicated are applied on both sides

Product safety information is available upon request. This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentations. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DuPont makes no warranties and assumes no liabilities in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.



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