

Material information

DuPont™ Tyvek® 2473-L



Description:

Tyvek® 2473-L is an antistatic trilaminate (HDPE/SBPP/HDPE) that possesses a highly voluminous and breathable fibre layer. The material is water vapour-permeable and strongly water-repellent; it is also washable. This style possesses statically dissipative properties. Tyvek® 2473-L is characterised by its excellent tear resistance in relation to its surface weight. Moreover, this style constitutes a barrier for dust particles. The material filters 98% of dust particles with an average diameter of 2 micrometres and offers protection from most chemicals and environmental influences.

Physical properties:

Dimensions	Value	Test method
Surface weight	184.6 g/m ²	ASTM D-1777
Thickness	635 my	TAPPI T-410
Strength		
Tensile strength	507/489 N (MD/XD)	ASTM D1682
Tensile strength	200/189 N (MD/XD)	ASTM D882
Elongation at rupture max.	14/21% (MD/XD)	ASTM D882 (%elongation at rupture)
Resistance to perforation	>2.76 kPa	ASTM D3420 (Spencer puncture)
Tear resistance	133/124 N (MD/XD)	ASTM D1117
Barrier		
Water column	>35.6cm	AATCC 127
Water vapour permeability	850 g/m ² - 24 hours	ASTM E-96 method B
Electrostatic dissipation	8.4*10 ⁹ ohm	EN1149-1

Application:

This "padded", highly tear-resistant, washable and dimensionally stable style is particularly well suited as packaging for valuable objects. It is the optimal protection for painted and sensitive surfaces. Tyvek® 2473-L was specially developed to provide padding for the surfaces of goods during transportation and thus to protect them from damage. Alternatively, this style can be used, for example, as material in the furniture industry.

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