



DUPONT™ TYVEK® PROTEC™

ROOFING UNDERLAYMENTS PHYSICAL PROPERTIES DATA SHEET

Physical Properties

Properties	Method	Tyvek® Protec™ 120	Tyvek® Protec™ 160	Tyvek® Protec™ 200
Nominal Thickness (mm)	ASTM D1777	0.248 mm	0.379 mm	0.419 mm
Nominal Thickness (mils)	ASTM D1777	9.76 mils	14.9 mils	16.5 mils
Liquid water transmission	ASTM D4869	Pass	Pass	Pass
Permeability (MVTR)	ASTM E96	< 0.05 Perms	< 0.05 Perms	< 0.05 Perms
Tensile strength (MD / CD)	ASTM D751	MD: 88.5 lbf CD: 79.4 lbf	MD: 96.8 lbf CD: 95.4 lbf	MD: 113.9 lbf CD: 117.0 lbf
Elongation (MD / CD)	ASTM D751	MD: 21.5% CD: 19.9%	MD: 20.3% CD: 19.4%	MD: 19.4% CD: 22.1%
Tear strength (MD / CD)	ASTM D4533	MD: 25 lbf CD: 40 lbf	MD: 30 lbf CD: 35 lbf	MD: 67 lbf CD: 47 lbf
Fire rating	ASTM E108	Class A	Class A	Class A
UV exposure	ICC-ES AC188	90 days	180 days	180 days
Temperature range	Thermal Cycling	-40°F to 240°F (-40°C to 115°C)	-40°F to 240°F (-40°C to 115°C)	-40°F to 240°F (-40°C to 115°C)
Code approvals	ICC-ES AC188, per Intertek CCRR-1062 ASTM D226	Pass	Pass	Pass

Specifications

Specifications	Tyvek® Protec™ 120	Tyvek® Protec™ 160	Tyvek® Protec™ 200
Length per roll	250 ft	250 ft	250 ft
Width per roll	48 in	48 in	48 in
Weight per roll	25 lb	31 lb	36 lb
Roll size	10 square	10 square	10 square
Rolls per pallet	49	36	36
Pallet weight	1300 lb	1225 lb	1375 lb
Weight per square	2.5 lb	3.1 lb	3.6 lb
Warranty	30 years	40 years	50 years

For more information about DuPont™ Tyvek® Protec™, please call 1-800-448-9835 or visit us at www.tyvek.com/protec

