

TRUE SEAL™ PVC MEMBRANE

For decades, TRUE SEAL's roofing PVCs have stood the test of time with its proven formulation •

Exceeds numerous industry compliances and requirements •

Proven reliability in all climates •

Leading UV and chemical resistance •

ClimaShield™ Top-Ply Formulation

- Added Protection Delays Plasticizer Migration
- Easy Cleaning and Welding
- Scuff and Skid Protection

Woven Reinforced Scrim

TRUE SEAL™ Base Formulation



TOUGH | VERSATILE | DEPENDABLE

1-888-824-4455 | info@true-seal.com | www.true-seal.com

TYPICAL PHYSICAL PROPERTIES*

Property	Test Method	Requirement per ASTM D 4434-12, Type III	50 mil	60 mil	80 mil
Thickness over scrim, in	Optical	.016	.018	.023	.033
Breaking Strength, lbf	D 751, A Grab Method	MD 200 XMD 200	MD 256 XMD 242	MD 300 XMD 300	MD 256 XMD 242
Elongation @ break, %	D 751, A Grab Method	MD 15 ^A XMD 15 ^A	Pass	Pass	Pass
Seam Strength	D 751, A Grab Method	75%	Pass	Pass	Pass

RETENTION OF PROPERTIES AFTER HEAT AGING D 3045, 176°F for 56 days ± 1 h

Breaking Strength, % of original	D 751, A Grab Method	90%	Pass	Pass	Pass
Elongation, % of original	D 751, A Grab Method	90%	Pass	Pass	Pass
Tearing Strength, lbf	D 751 B-Tongue Tear Method, 8"x8"	45	Pass	Pass	Pass
Low temperature bend	D 2136	-40oF	Pass	Pass	Pass

ACCELERATED WEATHERING Practice G154 5000 hrs

Cracking	7X magnification	None	None	None	None
Crazing	7X magnification	None	None	None	None
Linear dimensional change, %	D 1204, 176°F for 6h	MD ± 0.5 XMD ± 0.5	Pass	Pass	Pass
Change in weight after immersion in water	D 570, 158 +2°F for 168 ± 1h	± 3.0	Pass	Pass	Pass
Static puncture resistance	D 5602, 33 lbf @ 73°F ± 2oF	Pass	Pass	Pass	Pass
Dynamic Puncture Resistance	D 5635, 20J @ 73°F ± 2oF	Pass	Pass	Pass	Pass

*This information contains typical physical properties and characteristics based on actual test specimen data. It is intended as a guide for roofing material selection and usage only.

The table presents typical properties of TRUE SEAL™ PVC membranes. Requirements are taken from ASTM D4434-12.

^A For reinforcing fabric only, elongation of PVC material shall be 250% MD and 220% XMD.



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