

# Keeping safety in **MIND**



## ROOFERSCHOICE

Synthetic Felt Underlayment

### FEATURES

- 100% resistant to insects, vermin, mold, rot and the weather & UV elements.
- It has a slip-resistant surface especially designed with the contractors "safety" in mind. The last thing a contractor needs to worry about when up on the roof is slipping.
- Does not contain asphalt and will not crack or dry out over time.

Product	Roofers Choice – Synthetic Felt
Construction	10 x 10 HDPE Laminated to Point Bonded PP Coated with High COF Co-Polymer
Dimensions	5 ft x 200 ft [10 sqs/1000 sf]
Weight	38 lbs. [approx]
Pliability [ASTM D226 per AC188]	Pass [No cracks when bent 90 degree over ½" radius mandrel]
Tensile Strength [ASTM D751, Grab]	190 lbs. warp x 180 lbs. weft
Tear Strength	50 lbs. warp x 50 lbs. weft [ASTM D 751, Tongue]
Elongation	25% MD x 25% CD
Thickness	14 Mills [+/- 10%]
UV Exposure Rating [AC48 per AC188]	180 days [no signs of peeling, chipping, cracking, flaking or pitting]
Topside Color	Charcoal Gray
Softening Point	220 degrees Fahrenheit
Water Transmission [ASTM D4869 per AC 188]	No water transmission through specimen "Pass"

These are typical property values and are intended as guides only.

## American Ingenuity & Technology Made in the USA

Mechanically fastened economical but efficient synthetic roofing underlayment product with good strength characteristics, **ease of application** and **excellent safety properties**

### Physical Properties Data Sheet

Test	Criteria	Results	Comments
AC188	Exposure at 50 f	Pass	No cracking, tearing, sticking or other material damage
Section 3.2	Exposure at 140 f	Pass	No cracking, tearing, sticking or other material damage
Temperature unrolling			
ASTM D226/ AC188	Bend 90 f over ½" radius	Pass	
Pliability	Mandrel		
AC 48 per AC 188	25 days of weather cycle	Pass	No peeling, chipping, cracking, flaking
AC 48 per AC 188	210 hours (10 hrs for 21 days)	Pass	No signs of damage cracking or peeling or pitting
Ultraviolet Exposure			
ASTM D828	>/-25 lbf/in	Pass	As received
Tensile Strength	>/-25 lbf/in	Pass	After accelerating aging
	</-25 lbf/in	Pass	After UV Exposure
ASTM D 4869			
Liquid Water	AC 188 Criteria	Pass	No water transmission
Transmission	Through specimen		

Roofers Choice Synthetic Felt meets or exceeds ASTM Criteria and is in accordance with ICC-ES AC 188

**CONTACT US TODAY / [www.underlaymentspecialtiesplus.com](http://www.underlaymentspecialtiesplus.com)**  
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