



MaxFelt 30 is a high-quality synthetic roofing underlayment that provides cooler working conditions and maximum traction to roofing crews while delivering proven protection against the elements.

## TECHNICAL DATA & PERFORMANCE COMPARISON

PHYSICAL PROPERTIES	TEST METHOD	NO. 15 FELT	NO. 30 FELT	MAXFELT 30
Grab Tensile Strength MD (lbs)	ASTM D 751	54	70	108
Grab Tensile Strength CD (lbs)	ASTM D 751	29	38	102
Grab Tensile Elongation (%)	ASTM D 751	4	2	18
Trapezoidal Tear Strength MD (lbs)	ASTM D 4533	2.2	4	48
Trapezoidal Tear Strength CD (lbs)	ASTM D 4533	0.9	2	41
Burst strength (PSI)	ASTM D751	35	62	180
Hydrostatic Head (cm)	AATCC 127	/	/	>250
Water Vapor Transmission (US Perm)	ASTM E 96	>5	>5	<1
Thickness (MIL)	TAPPI 411	21	60	8
Weight Per Square		8.8 lbs	14.8 lbs	2.35 lbs
Roll Width		36"	36"	48"

The testing was conducted in accordance with ASTM Methods.

The physical properties shown above are average values tested on various randomly selected samples and are not intended for use as absolute specifications.

No representation, warranty, or guarantee is made as to the Technical Data Sheet's accuracy or completeness.

MaxFelt 30 meets ASTM D226 & ASTM D4869 Equivalency.

When using staples, all MaxFelt 30 must be covered immediately.

MaxFelt 30 is a secondary weather resistive barrier. It is not intended or should not be used as a primary waterproofing membrane. It is recommended to cover all MaxFelt 30 with the primary roof cladding within 30 days of installation.

MaxFelt 30 has UV additive that protects the material itself up to six months. It is not implied or intended that the MaxFelt 30 or the roof assembly be left exposed to the sun and other weather elements for 6 months. It is always wise construction practice to cover up as soon as possible (AC 188 Acceptance Criteria for Roof Underlayments requires UV exposure testing for 210 hours or 10 hours per day for 21 days @ 135-140 degrees F to pass).

Follow all OSHA guidelines when installing MaxFelt 30.

## A SIMPLE UNDERSTANDING OF ASTM D226 & ASTM D4869

ASTM is the standard specification and provides certain test methods for Asphalt-Saturated Organic Felt Shingle Underlayment used in roofing and applies to material used as underlayment in steep-slope roof systems. The standard addresses material characteristics and physical property requirements.

### CLASSIFICATIONS:

#### ASTM D226

Type I – Commonly called No. 15 Asphalt Felt  
Type II – Commonly called No. 30 Asphalt Felt

### CLASSIFICATIONS:

#### ASTM D4869

Type I I – #13 Underlayment (equivalent to ASTM D226 Type I)  
Type IV – #26 Underlayment (equivalent to ASTM D226 Type II)  
\*Also includes two other types:  
Type I – #8 Underlayment  
Type III – #20 Underlayment

### PHYSICAL PROPERTIES TESTED:

Tear Strength – test in both the machine (MD) and cross direction (CD)  
Average Breaking Strength – test in both the machine (MD) and cross direction (CD)  
Pliability (10 strips tested shall not crack when bent 90° at a uniform speed over a rounded corner of radius in table for each type)  
Loss on Heating at 221° F for 5 hours maximum  
Liquid Water Transmission Test  
Dimensional Stability (MD and CD from Low Humidity to High Humidity)

### REQUIREMENTS:

#### D226 Type I (No. 15)

Tear Strength lbf/in. (N) – Not Applicable  
Breaking Strength lbf/in. – 30 MD/15CD  
Pliability (in.) – ½ in. radius  
Loss on Heating % – 4%  
Liquid Water Transmission – Not Applicable  
Dimensional Stability % – Not Applicable

#### D226 Type II (No. 30)

Tear Strength lbf/in. (N) – Not Applicable  
Breaking Strength lbf/in. – 40 MD/20 CD  
Pliability (in.) – ¾ in. radius  
Loss on Heating % – 4%  
Liquid Water Transmission – Not Applicable  
Dimensional Stability % – Not Applicable

#### D4869 Type II (No. 15)

Tear Strength lbf/in. (N) – 0.45 (2.0)  
Breaking Strength lbf/in. – 30 MD/15 CD  
Pliability (in.) – ½ in. radius  
Loss on Heating % – 6%  
Liquid Water Transmission – Pass  
Dimensional Stability % – 2%

#### D4869 Type IV (No. 30)

Tear Strength lbf/in. (N) – 0.90 (4.0)  
Breaking Strength lbf/in. – 40 MD/20 CD  
Pliability (in.) – ¾ in. radius  
Loss on Heating % – 6%  
Liquid Water Transmission – Pass  
Dimensional Stability % – 2%

\*MaxFelt 30 meets ASTM D226 Type II & ASTM D4869 Type IV Equivalency

\*When using staples, MaxFelt 30 must be covered immediately



# ATTENTION ROOFING CONTRACTORS



## IT'S TIME TO MAKE THE SWITCH

- The "New" Standard for 30# Felt Replacement
- Patented Anti-Skid Walking Surface
- Intertek Code Compliance Research Report No. CCRR-1036
- FBC # FL17584
- TX. Department of Insurance ASTM D226 Alternative
- Developed by Roofers, for Roofers
- Provides Tough, Durable Weather & Tear Resistance
- Fasten with Staples or Plastic Cap Nails
- Up to 6 Months of UV Protection
- Secondary Weather Protection Layer
- For Roof Pitches 3/12 and Greater
- Price Competitive with 30# Felt Ask Your Distributor
- 100% Recyclable – Considered a Green Building Product
- For use under Asphalt, Metal and Tile
- Advanced, Anti-skid Deckside Coating
- Limited 30-year Warranty
- Lays Flat for Easy Application
- 5 and 10 Square Roll Sizes Available Minimizes Job Waste
- Lightweight Rolls for Easy Handling
- Get Your Own Billboard Size Company Logo Printed On It...Ask for details



Get the **MAX-imum Protection**  
**maxfelt.com**

Our underlayment maximizes efficiency by giving you traction you can rely on and quality you can have a peace of mind about.

### **MAXFELT 30 vs. NO. 30 FELT:**

- **6X LIGHTER PER SQUARE**
- **20X STRONGER**
- **INSTALLS UP TO 50% FASTER**
- **PROVIDES A SAFER WALKING SURFACE**