



MaxFelt 15 is a high-quality synthetic roofing underlayment that offers maximum traction to roofing crews, as well as proven protection against the elements.

TECHNICAL DATA & PERFORMANCE COMPARISON

PHYSICAL PROPERTIES	TEST METHOD	NO. 15 FELT	NO. 30 FELT	MAXFELT 15
Grab Tensile Strength MD (lbs)	ASTM D 751	54	70	82
Grab Tensile Strength CD (lbs)	ASTM D 751	29	38	71
Grab Tensile Elongation (%)	ASTM D 751	4	2	18
Trapezoidal Tear Strength MD (lbs)	ASTM D 4533	2.2	4	33
Trapezoidal Tear Strength CD (lbs)	ASTM D 4533	0.9	2	25
Burst strength (PSI)	ASTM D751	35	62	130
Hydrostatic Head (cm)	AATCC 127	/	/	>250
Water Vapor Transmission (US Perm)	ASTM E 96	>5	>5	<1
Thickness (MIL)	TAPPI 411	21	60	7
Weight Per Square		8.8 lbs	14.8 lbs	1.75 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 15 meets ASTM D226 & ASTM D4869 Equivalency.

Independent third Party Test Reports Available Upon Request.

When using staples, all MaxFelt 15 must be covered immediately.

MaxFelt 15 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 15 with the primary roof cladding within 30 days of installation.

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 15.

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 15 meets ASTM D226 Type II & ASTM D4869 Type IV Equivalency

*Independent third Party Test Reports Available Upon Request

*When using staples, MaxFelt must be covered immediately



ATTENTION ROOFING CONTRACTORS

IT'S TIME TO MAKE THE SWITCH

- Price Competitive with 15# Felt
Ask Your Distributor
- The "New" Standard for 15# Felt
Replacement
- Developed by Roofers, for Roofers
- Meets or Exceeds ASTM D226 Type I
and ASTM D4869 Type II
- Provides Tough, Durable Weather & Tear
Resistance
- Fasten with Staples or Plastic Cap Nails
- Must Be Covered in 30 Days
- Secondary Weather Protection Layer
- For Roof Pitches up to 7/12
- 100% Recyclable – Considered a
Green Building Product
- Limited 20-year Warranty
Unlike Traditional Felt
- Does Not Leach Asphalt Oils Like
Saturated Felt
- Lays Flat for Easy Application
- 10 Square Rolls
- 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 15 vs. NO. 15 FELT:

- 5x **LIGHTER PER SQUARE**
- 27X **STRONGER**
- **INSTALLS UP TO 25% FASTER**