PRODUCT SPECIFICATIONS AND GUIDELINES

Roofing Nail – Electro Galvanized Smooth Shank

For Item Codes:

TOPTS34EGRF1	TOPTS114EGRF5	TOPTS2EGRFBK
TOPTS34EGRF5	TOPTS112EGRF1	
TOPTS78EGRF1	TOPTS112EGRF5	
TOPTS78EGRF5	TOPTS134EGRF1	
TOPTS1EGRF1	TOPTS134EGRF5	
TOPTS1EGRF5	TOPTS114EGRFBK	
TOPTS114EGRF1	TOPTS112EGRFBK	

General Description

Terminology Standard: ASTM F547-17

Description of Test, Expectations or Guideline - If order received does not meet these requirements; it may result in a supplier corrective action, which could jeopardize your status as an approved vendor.

Used for general organic or inorganic roofing shingle or vinyl siding or vinyl siding installation
Must be true to shape, well-finished, free from imperfections, clean and free of corrosion
Flat Head
Smooth Shank
Diamond Point
Electro Galvanized Finish

Product Sizing Information

Standard: ASTM F1667 – 17

ASTM Classification Number	Length (L)	Shank (D)	Head Diameter	Approx. count per lbs.
F 1667 NLRFSS-02Z	3/4" (+/- 1/32")	0.120" (+/- .004")	0.375” – 0.394”	340
F 1667 NLRFSS-08Z	7/8" (+/- 1/32")	0.120" (+/- .004")	0.375” – 0.394”	300
F 1667 NLRFSS-16Z	1" (+/- 1/32")	0.120" (+/- .004")	0.375” – 0.394”	270
F 1667 NLRFSS- 30Z	1-1/4" (+/- 1/16")	0.120" (+/- .004")	0.375” – 0.394”	220
F 1667 NLRFSS-37Z	1-1/2" (+/- 1/16")	0.120" (+/- .004")	0.375” – 0.394”	180
F 1667 NLRFSS-44Z	1-3/4" (+/- 1/16")	0.120" (+/- .004")	0.375” – 0.394”	160
F 1667 NLRFSS-57Z	2" (+/- 1/16")	0.120" (+/- .004")	0.375” – 0.394”	156
F 1667 NLRFSS-59Z	2-1/2" (+/- 1/16")	0.120" (+/- .004")	0.375” – 0.394”	125
F 1667 NLRFSS-61Z	3" (+/- 3/32")	0.120" (+/- .004")	0.375” – 0.394”	104
F 1667 NLRFSS-63Z	3-1/2" (+/- 3/32")	0.120" (+/- .004")	0.375” – 0.394”	89
N/A	1/2" (+/- 1/32")	0.120" (+/- .004")	0.375” – 0.394”	

Material Specifications

The raw materials used for producing nails should comply with the following Bend Yield Strength.

Low to Medium Carbon Steel Nails	
Nominal Diameter, in.	**Bend Yield, psi**
0.099 ≤ 0.142	100,000
>0.142 ≤ 0.177	90,000
>0.177 ≤ 0.236	80,000
>0.236 ≤ 0.273	70,000
>0.273 ≤ 0.344	60,000
>0.344 ≤ 0.375	45,000

Base Material: Low-Carbon Steel, Medium Low-Carbon Steel or Medium High-Carbon Steel
Coating: Electro Galvanizing Zinc - minimum 0.12 Mils or 3 microns

Applicable Performance Requirements and Testing Protocol. Ongoing quality control tests shall be conducted in accordance with the following reference documents and meet any conditions specified.

ASTM F1575-17	Standard Test Method for Determining Bending Yield Moment of Nails

Original Issue Date: 10/5/2017
Revision Date: 1/8/2019

Specifications: 1046

ASTM F680-17	Standard Test Methods for Nails
ASTM A510/ A510M-13	Standard Specifications for General Requirements For Wire Rods and Course Round Wire, Carbon Steel
ASTM A370-17	Test Methods and Definitions for Mechanical Testing of Steel Products
ASTM F1470-12	Standard Guide for Fastener Sampling for Specified Mechanical Properties and Performance Inspection
ASTM D1761-12	Standard Test Methods for Mechanical Fasteners in Wood
ASTM A641 / A641M	Standard Specification for Zinc–Coated (Galvanized) Carbon Steel Wire