



**SIMPLEX**

**Regular Round Head**

Ring or Smooth Shank



**Sizes and Quantities**

| #  | Shank Length | Fastening Shank Gage Thickness | Required Range Max. Total Plywood | Required Deck Penetration Wood | Deck Penetration | Pieces/Pounds |
|----|--------------|--------------------------------|-----------------------------------|--------------------------------|------------------|---------------|
| 1  | 1/2"         | 12                             | 1/16"                             | The nail                       | 1/2"             | 109           |
| 2  | 5/8"         | 12                             | 1/16"                             | must pass                      | 5/8"             | 106           |
| 3  | 3/4"         | 12                             | 1/16"                             | through the plywood            | 3/4"             | 102           |
| 4  | 7/8"         | 12                             | 1/16"                             | by a 1/4"                      | 7/8"             | 99            |
| 5  | 1"           | 12                             | 1/16"                             |                                | 1"               | 96            |
| 6  | 1 1/4"       | 12                             | 1/4"                              |                                | 1"               | 91            |
| 7  | 1 1/2"       | 11                             | 1/2"                              |                                | 1"               | 78            |
| 8  | 1 3/4"       | 11                             | 3/4"                              |                                | 1"               | 73            |
| 9  | 2"           | 11                             | 1"                                |                                | 1"               | 69            |
| 10 | 2 1/2"       | 11                             | 1 1/2"                            |                                | 1"               | 62            |
| 11 | 3"           | 11                             | 2"                                |                                | 1"               | 56            |

**Design Options**

| Shank Types               | Coating Types  | Container Types                | Cap Diameter | Nail Materials  |
|---------------------------|--|--------------------------------|--------------|-----------------|
| Annular Grooved<br>Smooth | Bright<br>Yellow Di-chromate<br>Electro Galvanized<br>Hot Dipped Galvanized Pails<br>Rust-Lok® | 25 Lbs. Boxes<br>50 Lbs. Boxes | 1"           | Hi-Carbon Steel |

**Sizes and Quantities**

**Insulation Round Head**

Ring or Smooth Shank



| Nail Length | Shank Size | Head Diameter | Pieces Per Pound |
|-------------|------------|---------------|------------------|
| 3"          | 9 ga.      | 1"            | 44               |
| 3 1/2"      | 9 ga.      | 1"            | 39               |
| 4"          | 9 ga.      | 1"            | 36               |
| 5"          | 9 ga.      | 1"            | 31               |
| 6"          | 8 ga.      | 1"            | 27               |
| 7"          | 8 ga.      | 1"            | 24               |
| 8"          | 8 ga.      | 1"            | 20               |

Uses: BUR applications and other applications where thick insulation's are attached to wood substrates. Available in ring shank or smooth shank.

**Masonry Round Head**

Fluted Shank



|        |       |    |    |
|--------|-------|----|----|
| 3/4"   | 9 ga. | 1" | 84 |
| 1"     | 9 ga. | 1" | 76 |
| 1 1/4" | 9 ga. | 1" | 64 |
| 1 3/4" | 9 ga. | 1" | 70 |
| 1 1/2" | 9ga.  | 1" | 59 |
| 2"- 6" | 9 ga. | 1" |    |

**Plex-Cap®  
Plastic Cap Nails**

Ring Shank



|        |            |    |     |
|--------|------------|----|-----|
| 3/4"   | 12 1/2 ga. | 1" | 352 |
| 7/8"   | 12 1/2 ga. | 1" | 318 |
| 1"     | 12 1/2 ga. | 1" | 298 |
| 1 1/4" | 12 1/2 ga. | 1" | 274 |
| 1 1/2" | 12 1/2 ga. | 1" | 170 |
| 1 3/4" | 12 1/2 ga. | 1" | 149 |
| 2"     | 12 ga.     | 1" | 132 |
| 2 1/2" | 12 ga.     | 1" | 110 |
| 3"     | 12 ga.     | 1" | 94  |

Uses: For fastening applications of roofing felt, insulation, hose wraps, & polyfilm. Manufactured from high strength polymer plastic.

**Square Cap Nail**



|        |        |    |    |
|--------|--------|----|----|
| 3/4"   | 12 ga. | 1" | 63 |
| 7/8"   | 12 ga. | 1" | 62 |
| 1"     | 12 ga. | 1" | 61 |
| 1 1/4" | 12 ga. | 1" | 58 |
| 1 1/2" | 12 ga. | 1" | 56 |
| 1 3/4" | 12 ga. | 1" | 54 |



**SIMPLEX**

**Sizes and Quantities**

| # | Shank Length | Shank Gage | Fastening Range Max. Total Thickness | Required Deck Penetration | Pieces / Pounds | Pieces / Box | Pounds / Box |
|---|--------------|------------|--------------------------------------|---------------------------|-----------------|--------------|--------------|
| 1 | 1"           | 0.108      | 0"                                   | 1"                        | 78              | 2,500        | 40           |
| 2 | 1 3/4"       | 0.108      | 1/4"                                 | 1.5"                      | 66              | 2,500        | 52           |
| 3 | 2 1/2"       | 0.108      | 1"                                   | 1.5"                      | 56              | 2,500        | 62           |
| 4 | 3"           | 0.108      | 1 1/2"                               | 1.5"                      | 51              | 2,500        | 63           |
| 5 | 3 1/2"       | 0.108      | 2"                                   | 1.5"                      | 46              | 2,500        | 70           |
| 6 | 4 1/2"       | 0.108      | 3"                                   | 1.5"                      | 39              | 1,000        | 36           |
| 7 | 5 1/2"       | 0.108      | 4"                                   | 1.5"                      | 34              | 1,000        | 40           |
| 8 | 6 1/2"       | 0.108      | 5"                                   | 1.5"                      | 30              | 1,000        | 45           |

**Tube-Lok® Fasteners**

Patented

**Design Options**

| Shank Types               | Coating Types   | Container Types                             | Cap Diameter | Nail Materials  |
|---------------------------|---|---|--------------|-----------------|
| Annular Grooved<br>Smooth | Bright<br>Yellow Dichromate<br>Electro Galvanized<br>Hot Dipped Galvanized<br>Rust-Lok® | 25 Lbs. Boxes<br>50 Lbs. Boxes<br><br>Pails | 1"           | Hi-Carbon Steel |



**Base-Lok®**  
Patented

Uses: The Simplex Base-Lok® is used to secure base sheet to aggregate lightweight concrete, cellular lightweight concrete decks. Easy to install one piece fastener manufactured from engineered plastic.



**Assembled Tube-Lok®** New Item

Uses: Effective attachment of roofing products to low and steep slope decks fabricated from Gypsum, cellular and aggregate lightweight concrete, cementitious wood fiber and other lightweight deck assemblies. Assembled for faster installation. [New Simplex Installation Tool](#).

**Sizes and Quantities**

|                     |               |                                     |
|---------------------|---------------|-------------------------------------|
| <b>Nail Length:</b> | <b>1 3/4"</b> | <b>Carton contains 1000 pieces.</b> |
|---------------------|---------------|-------------------------------------|

\* Approximate count.

**Sizes and Quantities**

| Nail Length | Tube Diameter | Head Diameter | Pieces Per Pound |
|-------------|---------------|---------------|------------------|
| 1 3/4"      | .197"         | 2"            | 25               |

**The Simplex Roofing Fastener Selection Table**

| # | Substrate                  | Roofing Material       | Fastener                          | Simplex #2 Rupture Plate          | Simplex #3 Rupture Plate | Standard Term Bars | Rust-Lok® Coating | Building Codes and Standard Approvals | Simplex Brand Tools                  |                        |
|---|----------------------------|------------------------|-----------------------------------|-----------------------------------|--------------------------|--------------------|-------------------|---------------------------------------|--------------------------------------|------------------------|
| 1 | Wood Deck                  | 15 lbs. & 30 lbs. Felt | Plastic Cap Nails                 |                                   | ●                        |                    | ●                 | None                                  | Pole-Tap® or Hand Tap®               |                        |
|   |                            |                        | "Original" Metal 1" Cap Nails     | ●                                 |                          |                    | ●                 | APA & FFN-105B                        | Pole-Tap® or Hand Tap®               |                        |
|   |                            |                        | "Original" Metal 2" Cap Nails     |                                   | ●                        |                    | ●                 | APA & FFN-105B                        | Pole-Tap® or Hand Tap®               |                        |
|   |                            |                        | Base Sheet                        | "Original" Metal 1" Cap Nails     | ●                        | ●                  |                   | ●                                     | APA & FFN-105B                       | Pole-Tap® or Hand Tap® |
|   |                            |                        | "Original" Metal 2" Cap Nails     |                                   |                          | ●                  |                   | ●                                     | APA & FFN-105B                       | Pole-Tap® or Hand Tap® |
| 2 | Gypsum Deck                | Base Sheet             | "Original" Tube-Lok® 1" Cap Nails | ●                                 | ●                        |                    | ●                 | Dade                                  | Pole-Tap® or Hand Tap®               |                        |
|   |                            |                        | "Assembled" Tube-Lok® 2" Nails    |                                   |                          |                    | ●                 | Pending                               | Tube-Tap®                            |                        |
|   |                            |                        | Base-Lok® Fasteners               |                                   |                          |                    | ●                 | Dade & FM                             | Drill-Tap®, Extend Zip® or Base-Zip® |                        |
|   |                            |                        | Insulation                        | "Original" Tube-Lok® 1" Cap Nails | ●                        | ●                  |                   | ●                                     | Dade                                 | Pole-Tap® or Hand Tap® |
|   |                            |                        | Recover Board over Old Roof       | "Original" Tube-Lok® 1" Cap Nails | ●                        | ●                  |                   | ●                                     | Dade                                 | Pole-Tap® or Hand Tap® |
| 3 | Light Weight Concrete Deck | Base Sheet             | "Original" Tube-Lok® 1" Cap Nails | ●                                 | ●                        |                    | ●                 | Dade                                  | Pole-Tap® or Hand Tap®               |                        |
|   |                            |                        | "Assembled" Tube-Lok® 2" Nails    |                                   |                          |                    | ●                 | Pending                               | Tube-Tap®                            |                        |
|   |                            |                        | Base-Lok® Fasteners               |                                   |                          |                    | ●                 | Dade & FM                             | Drill-Tap®, Extend Zip® or Base-Zip® |                        |
|   |                            |                        | Insulation                        | "Original" Tube-Lok® 1" Cap Nails | ●                        | ●                  |                   | ●                                     | Dade                                 | Pole-Tap® or Hand Tap® |
|   |                            |                        | Recover Board over Old Roof       | "Original" Tube-Lok® 1" Cap Nails | ●                        | ●                  |                   | ●                                     | Dade                                 | Pole-Tap® or Hand Tap® |
| 4 | Tectum Deck                | Base Sheet             | "Original" Tube-Lok® 1" Cap Nails | ●                                 | ●                        |                    | ●                 | Dade                                  | Pole-Tap® or Hand Tap®               |                        |
|   |                            |                        | "Assembled" Tube-Lok® 2" Nails    | ●                                 | ●                        |                    | ●                 | Dade                                  | Pole-Tap® or Hand Tap®               |                        |
|   |                            |                        | Base-Lok® Fasteners               |                                   |                          |                    | ●                 | Dade & FM                             | Drill-Tap®, Extend Zip® or Base-Zip® |                        |
|   |                            |                        | Insulation                        | "Original" Tube-Lok® 1" Cap Nails | ●                        | ●                  |                   | ●                                     | Dade                                 | Pole-Tap® or Hand Tap® |
|   |                            |                        | Recover Board over Old Roof       | "Original" Tube-Lok® 1" Cap Nails | ●                        | ●                  |                   | ●                                     | Dade                                 | Pole-Tap® or Hand Tap® |
| 5 | Masonry Wall               | Base Flashing          | Masonry Cap Nails                 | ●                                 | ●                        |                    | ●                 | None                                  | None                                 |                        |
|   |                            |                        | Zanchor® Zinc Hammer Drive Nails  | ●                                 | ●                        | ●                  |                   | None                                  | None                                 |                        |
| 6 | Wood Wall                  | Base Flashing          | "Original" Metal 1" Cap Nails     | ●                                 | ●                        |                    | ●                 | APA & FFN-105B                        | Hand Tap®                            |                        |
|   |                            |                        | "Original" Metal 2" Cap Nails     |                                   |                          |                    | ●                 | APA & FFN-105B                        | Hand Tap®                            |                        |
| 7 | Gypsum Wallboard           | Base Flashing          | Wall-Lok® Zinc Drywall Anchors    |                                   |                          | ●                  |                   | None                                  | None                                 |                        |