

Technical Requirements for
STAPLE WIRE, Standard

PRODUCT SPECIFICATIONS

- Five Thousand (5,000) wires per box
- Made of Metal Wire coated with any anti-corrosion material.
- Dimensions, in mm: (See Fig. 1).
 - Width (W) (+0.15mm/-0.20mm): 12.70
 - Leg Length (L) (± 0.2 mm): 6.00mm
 - Thickness (D) (± 0.05 mm): 0.40
 - Width (E) (± 0.05 mm): 0.50
- Number of wires per Strip (min.): One Hundred (100)
- Shall pass the Penetration Test
- The staples shall be preformed and cemented together in strip form one behind the other.
- The staples shall have parallel legs at right angles to the crown. They shall easily exit without clogging and jamming the stapler
- Both ends of the staples shall have either blunt or chisel point ends (see Figure 1)
- Staples shall be free from burrs and sharp or rough edges, and other defects which might affect the appearance or serviceability of the leg.

EVIDENCE and VERIFICATION

- **In-House Test:**
 - Shall conform with the required performance tests
 - The staples shall be removed without fracture with a staple remover.
 - For penetration test performance:
 - Draw one (1) strip from each box which represents each box.
 - Staple twenty (20) sheets of 70gsm of copy paper 10 times for each strip. Staples shall fully penetrate and clinch without buckling or fracturing of the crown or leg and shall not show any malformation after stapling
 - Allowable defect per box: One (1) strip out of five (5) strips
 - Allowable defects per strip: One (1) defect (maximum) per trial.
 - Sample Size: Fifty (50) staple wires (10 staple wires for each box)
 - The latest awarded stapler shall be used for testing of sample/s.
 - For Corrosion Resistance Test:
 - Immerse a strip of staples for 5 hours in 5% sodium chloride solution and after taking it out, observe the existence of rust developed.

Handwritten notes in blue ink:
a g b au r
r p
dp

