

TECHNICAL DOCUMENTATION

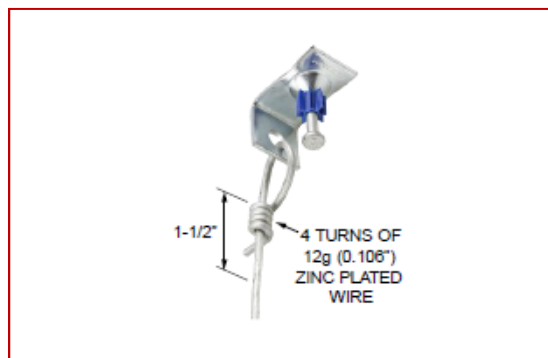
12ga. Pre-tied Hot-Dip Galvanized Hanger Wire:

Physical Properties

Wire diameter	Typical capacity	Tensile range	Yield stress	Elongation
0.106-in	600 lb	75 ksi, max	≥59 ksi	26%

≥25g/m² hot-dip galvanized coating, ASTM A641

Refer to ASTM C1063 for support spacing, fastener selection, and further information regarding proper installation.



Product List

ITEM	SIZE
DHW1204BP78	12 ga. x 4-ft HDG, 7/8-in Pin&Clip
DHW1204BP100	12 ga. x 4-ft HDG, 1-in Pin&Clip
DHW1204BP125	12 ga. x 4-ft HDG, 1-1/4-in Pin&Clip
DHW1206BP78	12 ga. x 6-ft HDG, 7/8-in Pin&Clip
DHW1206BP100	12 ga. x 6-ft HDG, 1-in Pin&Clip
DHW1206BP125	12 ga. x 6-ft HDG, 1-1/4-in Pin&Clip
DHW1208BP78	12 ga. x 8-ft HDG, 7/8-in Pin&Clip
DHW1208BP100	12 ga. x 8-ft HDG, 1-in Pin&Clip

ITEM	SIZE
DHW1208BP125	12 ga. x 8-ft HDG, 1-1/4-in Pin&Clip
DHW1210BP78	12 ga. x 10-ft HDG, 7/8-in Pin&Clip
DHW1210BP100	12 ga. x 10-ft HDG, 1-in Pin&Clip
DHW1210BP125	12 ga. x 10-ft HDG, 1-1/4-in Pin&Clip
DHW1212BP78	12 ga. x 12-ft HDG, 7/8-in Pin&Clip
DHW1212BP100	12 ga. x 12-ft HDG, 1-in Pin&Clip
DHW1212BP125	12 ga. x 12-ft HDG, 1-1/4-in Pin&Clip

Performance

Data for Items:

DHW1204BP125
DHW1206BP125
DHW1208BP125
DHW1210BP125
DHW1212BP125

Allowable Tension, Shear, and Oblique Tension Values in Normalweight Concrete

Vertical Tension: 154 lbf	Concrete Compressive Strength 2,500 psi	Shank Dia. 0.145-in
Shear: 239 lbf		Min. Embed. 1-in
Oblique Tension: 197 lbf		

Notes:

- Fasteners shall not be installed until the concrete has reached designated min. compressive strength. Min. concrete thickness is three times the fastener embedment into the concrete.
- Min. fastener spacing 4 in. center-to-center, and the min. edge and end distance are 3 in.

Allowable Tension, Shear, and Oblique Tension Values through Steel Deck into 3,000 psi Sand-Lightweight Concrete; 3-1/4 in. Min. Concrete Thickness Above Deck

Upper Flute Tension: 170 lb	Lower Flute Tension: 150 lbf	Shank Dia. 0.145-in
Upper Flute Shear: 260 lbf	Lower Flute Shear: 255 lbf	Min. Embed. 1-in

Notes:

- Fasteners shall not be installed until the concrete has reached designated min. compressive strength. Steel deck panels must be 3-inch-deep composite deck panels and must have a min. base-metal thickness of 0.035 inch, a min. yield strength of 40 ksi, and a min. tensile strength of 55 ksi.
- Min. fastener spacing parallel to deck flute and min. end distance is 4 in. center-to-center, and the min. distance to the edge of the deck flute is 1-1/8 inches.