

Electro Galvanized Wire

Support for Plaster and Gypsum Board 09.22.00



FEATURES

- Multiple, convenient sizes
- Two packaging options
- Spool length of 300 ft., allows you to cut to specific lengths without waste
- Spool fits easily on a belt or in a pouch for ease of use



APPLICATIONS

- ✔ In suspended ceiling assemblies, U-Channels are suspended from the structure using hanger wire. Drywall furring channel is wire-tied perpendicular to the underside of the U-Channel at appropriate intervals for screw-attaching drywall.
- ✔ Galvanized soft annealed tie wire is used in drywall and plaster construction to tie furring channels to main runner U-Channels. It is also used to tie metal lath to carrier channels in plaster construction, attach expansion and control joints to lath and tie the lath overlap between rows of fasteners. Wire ties are required for fire-rated and multi-layer assemblies.

Note: Tie wire is not recommended for suspension.

ITEM NUMBER	GAUGE	DIAMETER	LENGTH	PACKAGE	BREAKING STRENGTH*	MAX LOAD†
TW1645	16	0.0625 in.	45 in.	Hanks (bundles)	132 lbs.	55 lbs.
TW1828	18	0.0475 in.	28 in.	Hanks (bundles)	75 lbs.	19 lbs.
TW1830	18	0.0475 in.	30 in.	Hanks (bundles)	75 lbs.	19 lbs.
TW1845	18	0.0475 in.	45 in.	Hanks (bundles)	75 lbs.	19 lbs.
TW18300S	18	0.0475 in.	300 ft.	Spool	75 lbs.	19 lbs.

*Breaking strength is approximate with no safety factor. A safety factor of 4 is recommended.

†Max. load is for each wire, and tie wire is not recommended for suspension.

References and Associated Standards

ASTM C754: Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products. | www.ASTM.org

ASTM C1063: Standard Specification for Installation of Lathing and Furring to Receive Interior and Exterior Portland Cement-Based Plaster. | www.ASTM.org

ASTM E580: Standard Practice for Installation of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Subject to Earthquake Ground Motions. | www.ASTM.org

ASTM F1941: Standard Specification for Electrodeposited Coatings on Mechanical Fasteners, Inch and Metric. | www.ASTM.org

Further Information and Resources

Grabber Acoustical Solutions Product Guide, PG1003

GRABBER
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