Hanger Wire & Tie Wire

Wire support for drop ceiling assemblies

Hanger Wire is available in 8, 9 and 12 gauge and is galvanized for corrosion resistance. Hanger wire is suspended from the underside of the floor structure to provide a structural support for drop, gypsum wallboard or plaster suspended ceilings.

Tie Wire is 18-gauge galvanized soft annealed wire used in drywall and plaster construction to tie furring channels to main runner U-Channels. It's also used to tie metal lath to channels in plaster construction, attach expansion/control joints to lath and tie the lath overlap between rows of fasteners. 18ga tie wire is not recommended for suspension.

In a Drop Ceiling Assembly U-Channel is suspended from the overhead 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. Assemblies are installed per the project specification or ASTM C754 requirements. Wire ties are required for firerated and multi-layer assemblies.

Product Data & Ordering Information:

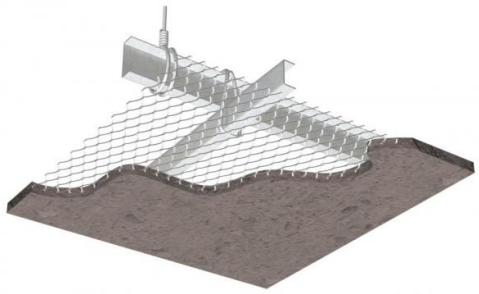
Material:	Soft Annealed Wire - Tensile range 50,000-65,000 psi
Coating:	Regular zinc coating (galvanized) Special zinc coatings (e.g. Class 1) are available by special order.
Shipping:	Available by 50 lbs. hanks (bundles)

Hanger Wire

Product code	Gauge	Diameter	Length	Ft./Lb.	Wt./Ctn.	Approx. breaking strength*	Max. recommended load**
HWB8	8	0.162"	12'	14.3	50 lbs	880 lbs	220 lbs
HWB9	9	0.148"	12'	17.1	50 lbs	740 lbs	185 lbs
HW12	12	0.1055"	12'	33.7	50 lbs	375 lbs	94 lbs

Tie Wire

Product code	Gauge	Diameter	Length	Ft./Lb.	Wt./Ctn.	Approx. breaking strength*	Max. recommended load**
TW18	18	0.047"	30"	166.2	25 lbs	75 lbs	19 lbs



* Approximate Breaking Strength (lbs. without safety factor) - Recommended Safety Factor of 4
** Max. Recommended Load is for each wire. 18ga tie wire is not recommended for suspension

Code Approvals & Performance Standards

- ASTM A641 Standard Specification for Zinc–Coated (Galvanized) Carbon Steel Wire
- ASTM C754 Standard Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products