Residential Chimney Equipment

IPC engineering has given careful attention to the design of equipment installed on residential chimney applications. Having the proper equipment for chimneys will help assure that the installation will go better without a lot of complications. One method of consideration for conductor cable is the 3/8" solid coated tin/lead coated chimney rod. The rod is flexible and can easily be shaped for most any chimney application.

A specially sized length of rod is easily sized using a hack saw. After cutting the rod, notches can be filed in the rod using a 3-cornered file. The notches provide a more secure point of contact for the screws that will fasten points or other connectors to the rod.

In the pages that follow, you will find a variety of equipment used in chimney applications. Special fittings make this material adaptable to chimneys of all types. For concealed applications, only the air terminal points are exposed. For semi-concealed applications, cable is normally coursed in the rear of the chimney so that only the air terminals are visible from the front of the structure.

For special applications where you require design or installation assistance, please call IPC's Engineering Department. Chimney materials that are designed, approved and manufactured by IPC, is the answer you need.

Product Manufactured by: Independent Protection Co., Inc.
Product Distributed by: Ohio Valley Lightning Protection, Inc.
520 Leeka Road, New Vienna, OH 45159
Ph: 937.987.0245 or 866.220.2952 Fax: 937.987.0248
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Website: www.lightning-systems.com

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Note: Air terminals and connectors are illustrated below. Additional components are shown in this section and throughout our catalog.

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Copper air terminals are provided with tin coating to protect the copper from the corrosive effects of chimney and stack emissions. Lightning protection installation standards require that copper material on the upper two feet of a chimney be tin coated. Aluminum materials cannot be tin coated because of the melting point of aluminum alloys.

#90 - **Copper Tin Coated Air Terminal Only** 3/8" x 36" long. Wt. 1.24 lb. ea. ★

#A90 - **Aluminum Air Terminal Only** 1/2" x 36" long. Wt. .64 lb. ea. ★

#90B - **Copper Tin Coated Air Terminal Only** 3/8" x 48" long. Wt. 1.68 lb. ea. ★

#A90B - **Aluminum Air Terminal Only** 1/2" x 48" long. Wt. .86 lb. ea. ★

#91 - **Copper Tin Coated Air Terminal Only** 3/8" x 60" long. Wt. 2.10 lb. ea. ★

#A91 - **Aluminum Air Terminal Only** 1/2" x 60" long. Wt. 1.10 lb. ea. ★

Recommended air terminal bases for above air terminals: C90X and AC90X.

#G90X - **Copper Tin Coated Air Terminal Only** 1/2" x 36" long. Wt. 2.14 lb. ea.

#G91X - **Copper Tin Coated Air Terminal Only** 1/2" x 60" long. Wt. 3.68 lb. ea.

Recommended air terminal base for above air terminal: C90Y

#C90X - **Bronze Cable and Air Terminal Connector** with 3/8" inside thread, clamp type cable fastener. Wt. .46 lb. ea. ★

#AC90X - **Aluminum Cable and Air Terminal Connector** with 1/2" inside thread, clamp type cable fastener. Wt. .16 lb. ea. ★

#C90Y - **Bronze Cable and Air Terminal Connector** with 1/2" inside thread, clamp type cable fastener. Wt. .50 lb. ea. ★

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★ *Denotes normally stocked item available for shipment within 48 hours. Items not stocked are available within 14 days.*

#250 - **Copper Tin Coated Notched Rod** 3/8" x 36" long. Wt. 1.28 lb. ea. ★

#A250 - **Aluminum Notched Rod** 1/2" x 36" long. Wt. ..72 lb. ea. ★

#250A - **Copper Tin Coated Notched Rod** 3/8" x 48" long. Wt. 1.72 lb. ea. ★

#A250A - **Aluminum Notched Rod** 1/2" x 48" long. Wt. .92 lb. ea. ★

#250B - **Copper Tin Coated Notched Rod** 3/8" x 60" long. Wt. 2.16 lb. ea. ★

#A250B - **Aluminum Notched Rod** 1/2" x 60" long. Wt. 1.14 lb. ea. ★

Notched rod can be used in many ways with various types of applications. This type of material gives your installation crews flexibility and universal materials to fit any type of commercial or residential chimney application.

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#251 - **Tin Coated Straight Splicer** for 3/8" copper tin coated notched rod. Wt. .10 lb. ea. ★

#A251 - **Aluminum Straight Splicer** for 1/2" aluminum notched rod. Wt. .04 lb. ea. ★

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#252 - **Tin Coated Tee Splicer** for 3/8" copper tin coated notched rod. Wt. .34 lb. ea.

#A252 - **Aluminum Tee Splicer** for 1/2" aluminum notched rod. Wt. .18 lb. ea.

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#A16X- **"U" Type Aluminum Masonry Fastener** for 1/2" aluminum rod with 1/4" expansion anchor. Wt. .06 lb. ea.

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#253 - **Tin Coated Anchor Fastener** for 3/8" copper notched rod. Includes 5/16" expansion anchor with 9/16" drill size. Anchor is placed in mortar joints. Wt. .12 lb. ea. ★

#254 - **Tin Coated Lead Type Anchor Fastener** for 3/8" copper tin coated notched rod. Wt. .06 lb. ea.

#255 - **Tin Coated Copper Point** for 3/8" copper tin coated notched rod. Approximately 5" in length. Wt. .06 lb. ea. ★

#A255 - **Aluminum Point** for 1/2" aluminum notched rod. Approximately 8" in length. Wt. .06 lb. ea.

#256 - **Tin Coated Copper Flue Tile Clamp** for 3/8" rod. For standard square and round tile 7/8" thick or less. Wt. .18 lb. ea.

#256X - **Large Tin Coated Copper Flue Tile Clamp** for 3/8" rod. Adjustable for larger tile sup to 1 3/8" thick. Wt. .22 lb. ea.

#A256X - **Large Aluminum Flue Tile Clamp** for 1/2" aluminum rod. Wt. .08 lb. ea.

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#257 - **Copper Combination 3/8" Rod and Cable Connector**. Adjustable for vertical or horizontal connection. Wt. .50 lb. ea. ★

#A257 - **Aluminum Combination 1/2" Rod and Cable Connector**. Wt. .16 lb. ea. ★

#258 - **Copper Connector** for 3/8" copper rod and 1" flat strip. Either straight or "T" type connection can be for strip up to 1". Wt. .12 lb. ea. ★

#270 - **Copper Horizontal Connector** for 3/8" rod and standard cable with set screw. Wt. .12 lb. ea.

#270A - **Copper Horizontal Connector** for threaded rod cable. Wt. .12 lb. ea.

#271 - **Copper Vertical Connector** for 3/8" rod and standard cable with set screw. Wt. .20 lb. ea.

#271A - **Copper Vertical Connector** for threaded rod. Wt. .20 lb. ea.

#207 - **Lead Coated Chimney Band** for use with 3/8" solid air terminals. Is furnished 74" and fits chimney with 8" x 8" flue which is 16" x 16" outside dimensions. Bands for other chimneys can be supplied if chimney dimensions are provided. Wt. 1.28 lb. ea. ★

#A207 - **Aluminum Chimney Band**. Wt. .50 lb. ea. ★

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