



Made in America <sup>Plus</sup>

## Rigid Metal Conduit – Aluminum Vs PVC-Coated Steel Conduit

When you need a corrosion-resistant conduit that is easy to work with, requires no additional tools or training, and is available at a reasonable price...

**Rigid Aluminum** is simply the best choice.

	PVC Coated Steel	Aluminum
<b>Material Cost</b>	High	Low
<b>Installation Speed</b>	Slow	Fast
<b>Weight per 10 Ft</b>	High	Low
<b>Non-Sparking</b>	No	Yes
<b>Non-Magnetic</b>	No	Yes
<b>Rust Free</b>	Maybe	Yes
<b>Voltage Drop</b>	High	Low
<b>Heat Build Up</b>	High	Low
<b>Requires Special Tools</b>	Yes	No

## 2 Ways to Save – Material & Labor!

Labor Savings - Aluminum vs PVC Coated Steel				
Size	Laid in Trench	12' Ceiling	16' Ceiling	20' Ceiling
<b>1-1/4</b>	34.9%	32.6%	32.2%	35.3%
<b>1-1/2</b>	46.9%	48.1%	47.7%	46.9%
<b>2</b>	59.7%	57.1%	55.3%	57.1%
<b>2-1/2</b>	59.1%	58.2%	59.1%	57.1%
<b>3</b>	57.1%	58.1%	57.1%	57.6%
<b>3-1/2</b>	72.4%	71.2%	58.2%	57.9%
<b>4</b>	73.1%	71.5%	71.4%	70.2%
<b>5</b>	72.4%	70.8%	70.0%	71.4%
<b>6</b>	71.4%	71.0%	70.3%	70.0%

*Source: Aluminum Electrical Conductor Handbook, 1989*

Material Savings - Aluminum vs PVC Coated Steel	
Size	% Savings
<b>1/2</b>	166%
<b>3/4</b>	131%
<b>1</b>	106%
<b>1-1/4</b>	98%
<b>1-1/2</b>	94%
<b>2</b>	90%
<b>2-1/2</b>	82%
<b>3</b>	75%
<b>3-1/2</b>	78%
<b>4</b>	77%
<b>5</b>	129%
<b>6</b>	139%

*Price Comparison based on Feb 2011 Data*

## Call Patriot at 800-899-1060 for Current Pricing

100% USA Made Conduit, Couplings, and Caps  
ARRA Compliant  
Buy American Act Compliant

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