

# ***ELECTRO*** ***BRAID***<sup>®</sup> **FENCE**



CATALOG | 2019



A brown horse with a white blaze on its face stands in a field. In the background, there is a white electric fence with a wooden post. The scene is set against a dark, silhouetted landscape under a dark sky.

# ***ELECTRO*** ***BRAID***<sup>®</sup> **FENCE**

## AMERICA'S #1 ELECTRIC HORSE FENCE

ElectroBraid<sup>®</sup> is a permanent electric fence designed especially for horses. It is both a physical barrier and a psychological deterrent. It is highly visible to horses, strong, durable and resilient.

Safe • Secure • Simple • Economical • Versatile



**ELECTROBRAID**  
FENCE ... is SAFE.

- Equine vets recommend ElectroBraid®
- Horses respect the electric shock
- Highly visible
- Resilient when struck by a panicked horse, like the ropes in a boxing ring
- Super strong, yet feels like silk

**ELECTROBRAID**  
FENCE ... is SECURE.

- It takes over 600 pounds of force to break a strand
- Pure copper conductors are 4 times more conductive than steel
- Patented: Double helix construction allows bend and stretch while ensuring conductivity
- ElectroBraid® polyester fiber meets the high standards established for seatbelts and parachute harnesses
- Maintains tension over time

**ELECTROBRAID**  
FENCE ... is SIMPLE.

- Lightweight and easy to install
- Maintenance and repairs are done with common hand tools and a tensioner

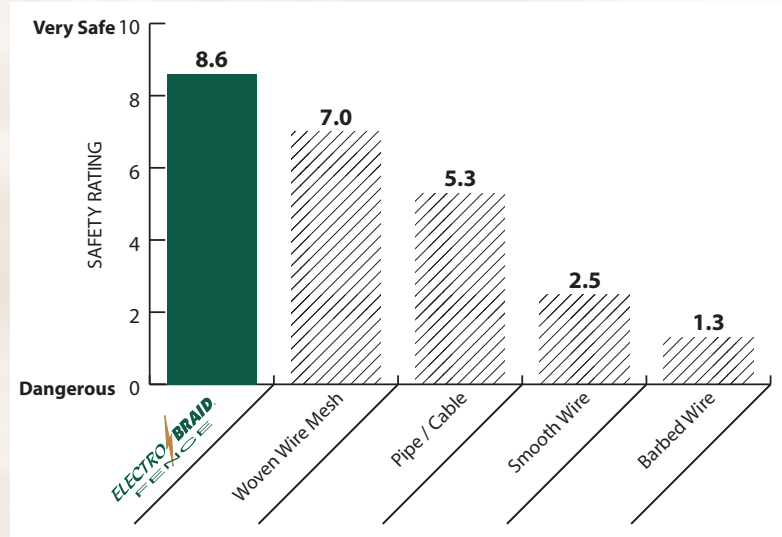
**ELECTROBRAID**  
FENCE ... is ECONOMICAL.

- Requires fewer posts
- Less time to install
- Lowest maintenance
- Lasts longer
- Preplaces wood & vinyl fences

**ELECTROBRAID**  
FENCE ... is VERSATILE.

- ElectroBraid can be used in a variety of different ways: with wood or T-posts, as a complement to vinyl fences, or to protect any fence

Survey of American Association of  
Equine Veterinary Practitioners  
March 2004





# ElectroBraid Benefits



- Braided polyester jacket
- Highly conductive
- Double helix copper
- UV resistant
- Strong polypropylene core

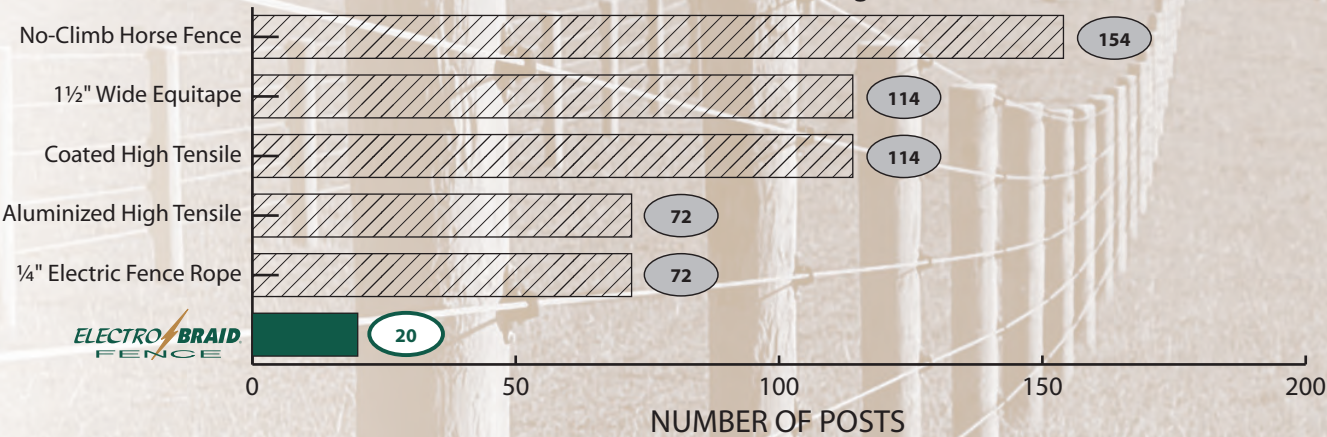


VS.

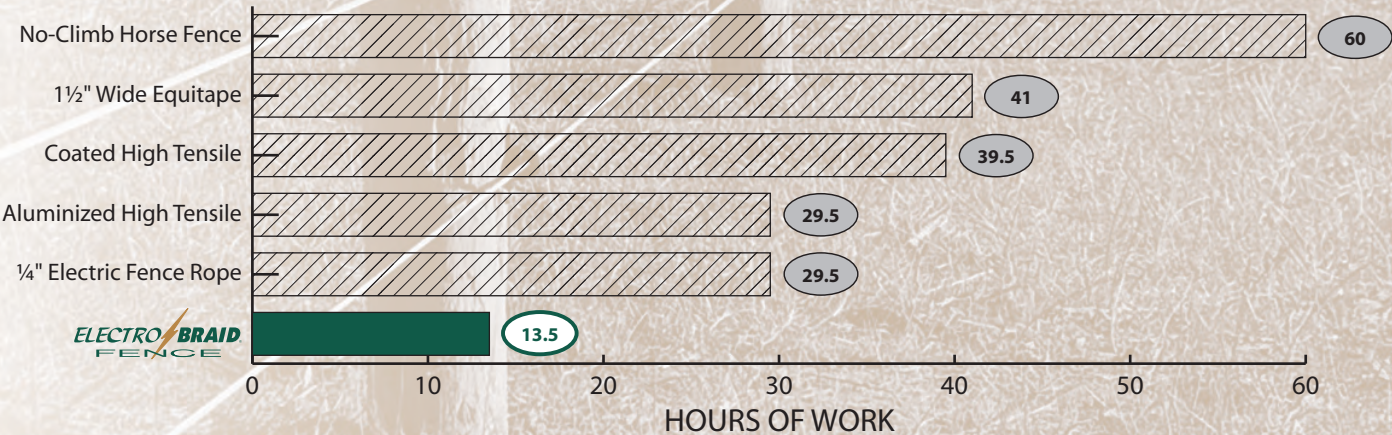
## 1/4" Electric Fence Rope

- Less conductive
- Stainless conductors
- Twisted polyethylene
- Breaks down over time in sunlight
- Doesn't remain tensioned


Wood Posts to Purchase and Holes to Dig / 1000 feet



Time to Install Fence / 1000 feet





FEATURE		¼" Electric Fence Rope
TENSION	600 lbs. (2x stronger) Stays tensioned for decades	300 lbs. Becomes less tensioned within a decade
STRETCH	Tension Tight, Stays Tight	Stretches, Sags
UV RESISTANCE	Excellent – (8x life)	Lower – 3 Years
CONDUCTIVITY	Excellent (Copper) (4x)	Standard (Stainless Steel)
YEARLY LIFETIME COST PER FOOT / YEAR	6¢	55¢

## ElectroBraid Components



### ElectroBraid

Part #	Description	Color
PBRC1000W2-EB	ElectroBraid, 1000 ft. reel	White
PBRC1000C2-EB	ElectroBraid, 1000 ft. reel	Checkered
PBRC1000B2-EB	ElectroBraid, 1000 ft. reel	Black

Every reel includes one FREE warning sign



# ElectroBraid Components

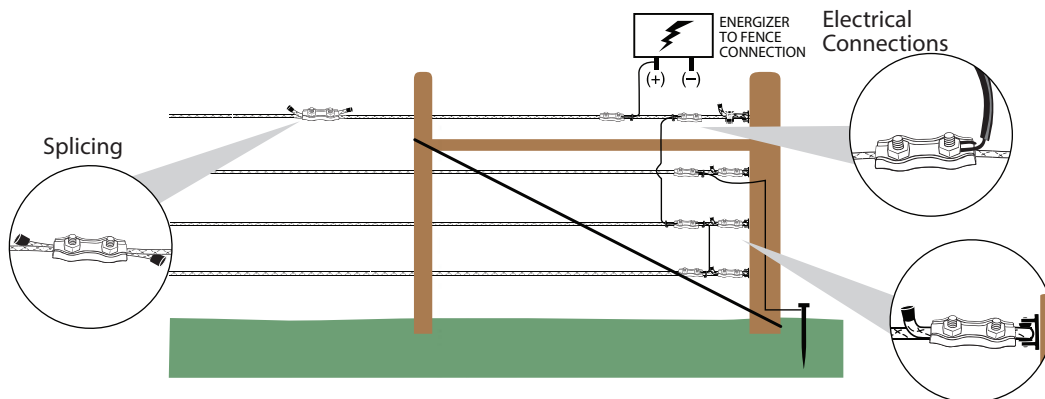


Always use  
Copper Lead-  
out Wire for  
electrical  
connections



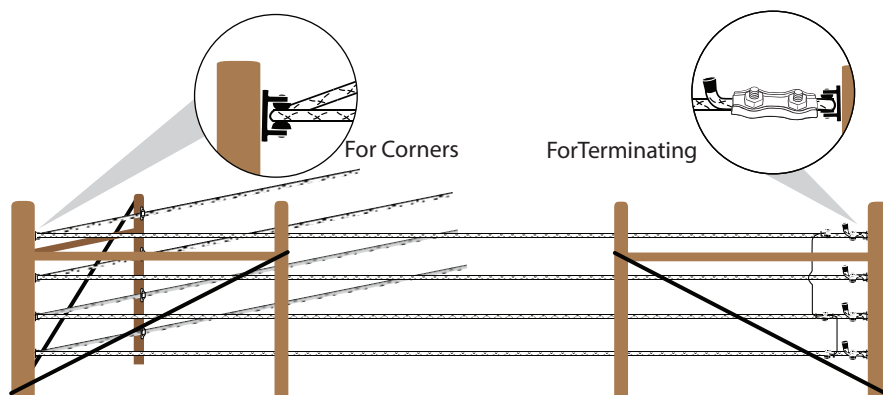
## Connectors & Splicers

Part #	Description	Features
PARS-EB	Poly Braid Splicer	<ul style="list-style-type: none"> <li>• Brass coated stainless steel</li> <li>• Holds more tension than 2 split bolts each</li> </ul>
ASPLTC10-EB	Copper Split Bolt Con- nector	<ul style="list-style-type: none"> <li>• 10/bag</li> <li>• Used for splicing, terminations and electrical connections</li> </ul>



## Roller Insulators

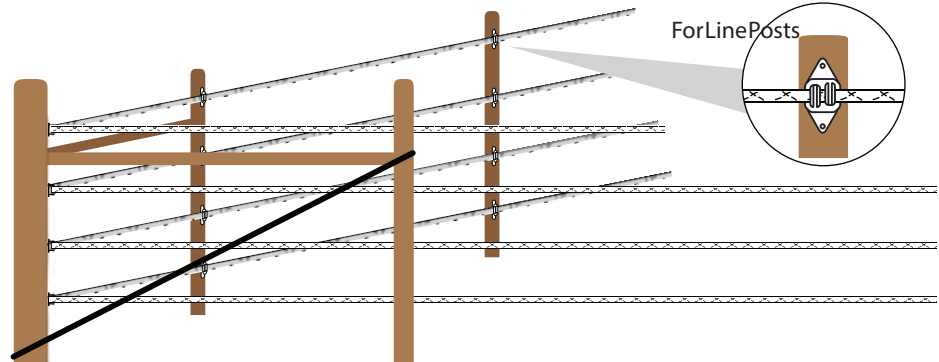
Part #	Description	Features
IROLLB10-EB	Roller Insulator, Black	<ul style="list-style-type: none"> <li>• 10/bag</li> <li>• To fasten roller insulators, use 2.5" Heavy Duty Screws</li> </ul>





### Line Post Insulators

Part #	Description	Features
IWHDCALWB-EB	HD Line Post Insulator, Black	<ul style="list-style-type: none"> <li>• 20/bag</li> <li>• Use on wood posts</li> <li>• To fasten line post insulators, use 1" or larger Heavy Duty Screws</li> </ul>



### Heavy Duty Screws

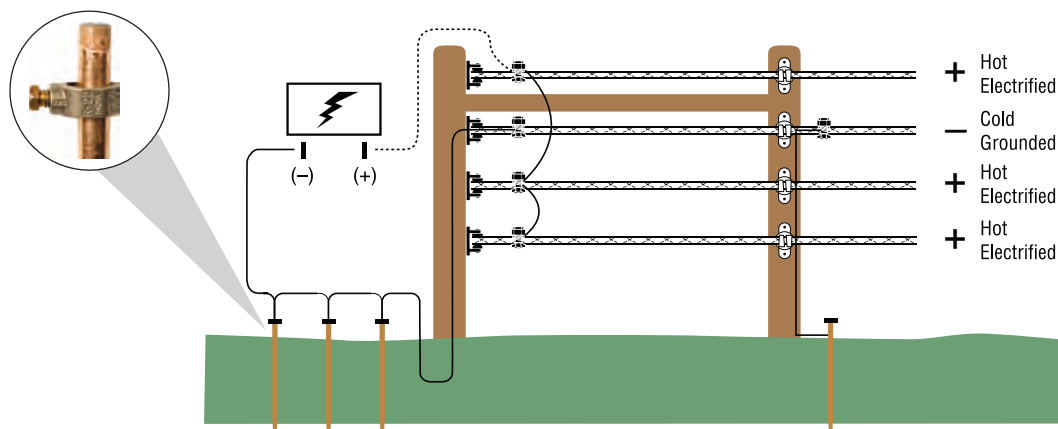
Part #	Description	Features
AS25-EB	2.5" Heavy Duty Screws	<ul style="list-style-type: none"> <li>• 50/bag</li> <li>• Use to fasten Roller Insulators &amp; 2" Offset Insulators</li> </ul>





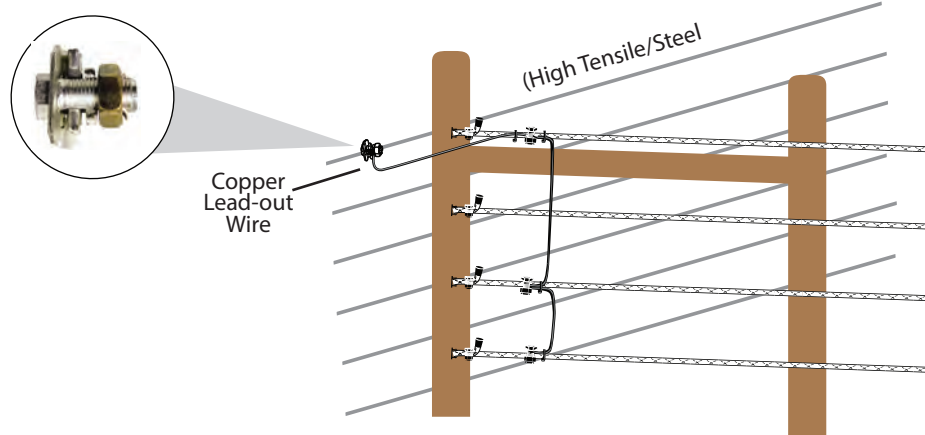
## Copper Ground Rod

Part #	Description	Features
07105-96	Ground Rod Clamp	• For use with 5/8" - 1/2" ground rods
A-7	6' x 5/8" Copper Ground Rod	



## Neutral Plate Connector

Part #	Description	Features
ANPC-EB	Neutral Plate Connector	<ul style="list-style-type: none"> <li>• Always use for connecting ElectroBraid® to non-copper wire such as steel, galvanized or aluminum wire</li> <li>• Prevents corrosion between different metals in a wire connection</li> </ul>

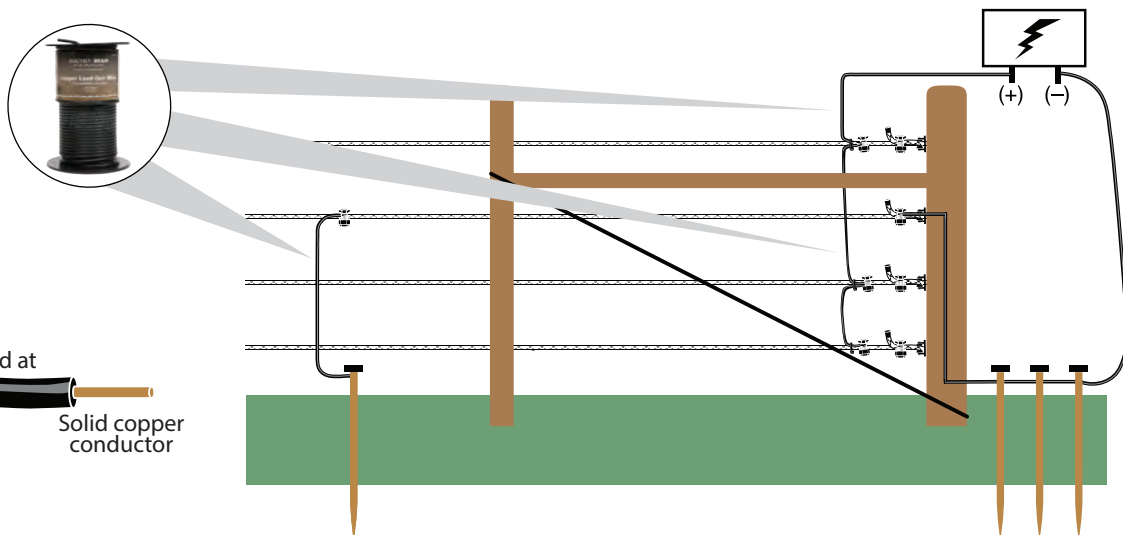






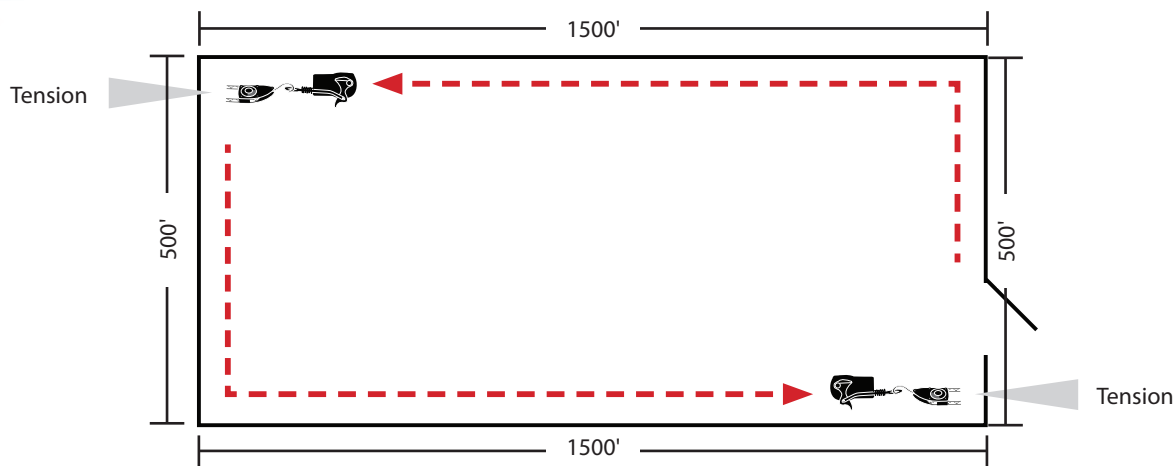
### Copper Lead-Out Wire

Part #	Description	Features
UGCC200-EB	200 ft. Copper Lead-Out Wire	<ul style="list-style-type: none"> <li>• Solid copper</li> <li>• Rated 15kv</li> </ul>



### Tension Kit

Part #	Description	Features
ATENSIONKIT-EB	Tension Kit	<ul style="list-style-type: none"> <li>• Required for proper tensioning of ElectroBraid®</li> <li>• If you are tensioning lengths of braid around multiple corners, we recommend a second Tension Kit</li> </ul>



One kit required for every 2000' of run



## Frequently Asked Questions

### Is this a permanent or temporary fence?

ElectroBraid is versatile. ElectroBraid can stand alone as a permanent perimeter fence or it can be used as a portable, temporary fence. You can also add it to protect a board fence or wire mesh fence, vinyl fence or pipe and cable fencing.

### Will an electric fence harm my animals or children?

No. The electric pulse put out by an energizer is so short (about 3/10,000 of a second) it hurts but it cannot injure. Once shocked, neither you nor any animal wants to touch the electric fence again.

### Can I use any energizer with ElectroBraid?

No. We recommend you use Fence Energizers with brass terminals to avoid galvanic corrosion. Our energizers have been designed to work with ElectroBraid fencing materials and provide safe electric pulses to the fence that will not harm your horse.

### Copper is such a soft metal. Will it break?

No. A copper wire on its own will break, but ElectroBraid is engineered to braid copper wires into a cushion of polyester fiber. The copper is braided into the outer jacket in two opposing directions that cross three times per inch. The copper wires form two helical coils, like springs. This construction allows bend and stretch, without putting strain on the copper itself. In fact, under extreme tension, ElectroBraid itself will break before the copper wires.

### Does copper rust?

No. Pure copper oxidizes, but only on the surface in the form of a dark green patina. Like paint, this thin coating of oxidation prevents any further oxidation. Surface oxidation does not weaken the copper, nor does it reduce electrical conductivity. Pure copper, as used in ElectroBraid, can last hundreds of years, like copper roofs on buildings. Copper is, of course, the metal used in household electrical wiring.

### Can I really space posts up to 50 feet apart?

Yes! Spacing does depend on your weather and terrain, though. The standard spacing we recommend is 50 feet. This means less posts, less work, less cost and less maintenance! If you have rolling terrain or high snowfall, you may want to reduce spacing to 25 or 30 feet.

### What type of posts do I require?

You can use any type of fence post that you want, as long as the ElectroBraid is insulated. We recommend wooden posts – 6" diameter for ends and corners, and 3-4" for line posts. T-posts can also be used.

### Will the sun affect the polyester jacket?

No. The high-grade polyester we use is virtually unaffected by sunlight. That is why it is used for seat belts, cargo straps, parachute harnesses and other safety applications. Over time, the ElectroBraid will darken slightly but this will not reduce its strength. An independent laboratory subjected ElectroBraid to a standard ASTM test for extreme ultraviolet (UV) radiation and there was no product deterioration.

### Do I have to stop weeds from growing up around ElectroBraid?

Yes and no. ElectroBraid is not significantly affected by grass growing up around it. The copper conductor is only a small percentage of the ElectroBraid surface area. Therefore, you don't have to spend a lot of time mowing under the ElectroBraid fence. However, heavy, wet tufts of grass, bushes or branches pressing against ElectroBraid can drain power and cause some loss of voltage. At least once a year weeds, bushes and tree branches should be cleared from the immediate fence area. NOTE: Routine voltage testing of the fence is a good indicator as to when to mow.

### If any parts or braid are not available at this display, can I get ElectroBraid any other way?

Yes, most definitely! Ask your favorite horse fence supply store to special order your items.

### Have more questions?

Call ElectroBraid at 855-EBFENCE

or email: [info@electrobraid.com](mailto:info@electrobraid.com)

Fence consultants are standing by to answer your questions about ElectroBraid. Call for this FREE service.

### 100% Satisfaction Guaranteed

Buy and install up to 3,600 feet (3 reels) of ElectroBraid on your property. If you are not 100% satisfied, simply call ElectroBraid at 855-EBFENCE for return instructions and a full refund. Product





# WOODSTREAM™



USA Customers  
Woodstream Corporation  
69 North Locust Street  
Lititz, PA 17543  
800-800-1819

Canadian Customers  
Woodstream Corporation  
25 Bramtree Court, Unit 1  
Brampton, Ontario L6S 6G2  
800-800-1819

[www.electrobraid.com](http://www.electrobraid.com)

Rev 11/18

For Image Downloads please visit  
[www.woodstream.com](http://www.woodstream.com) and click on Image Library