



FIBER REINFORCED PULTRUDED

FRP POLE AND CROSSARM

HARDWARE AND ACCESSORIES CATALOG

POLE HARDWARE

Octagonal Pole Top Caps.....	1
Octagonal Pole Base Plugs.....	1
Round Pole Caps and Plugs	1
Hole Plugs	1
Clips.....	2
Washers	2
Octagonal Pole Steps.....	2
Round Pole Steps.....	3

CROSSARM HARDWARE

Centermount Brackets.....	4
Centermount Kits.....	5-7

TOOLS

Nuts, Bolts and Washers	8
Drilling and Cutting	8

POLE HARDWARE

OCTAGONAL POLE TOP CAPS

Top Caps are made of UV stabilized Polyethylene. The top caps are pointed to discourage bird nesting and the caps are field removable in the event access to the interior of the pole is required.

Part Number	Description	Weight
FAB281	8" Top Cap (Fits CP076-8" Series II)	1 lb.
FAB283	10" Top Cap (Fits CP074-10" Series II)	1.5 lb.
FAB285	10" Top Cap (Fits CP210-10" Series III)	1.5 lb.
FAB290	1/4" x 1" Hex Head Self Tap Screw (410 Stainless Steel)	.013 lb.



FAB281/FAB283/FAB285

OCTAGONAL POLE BASE PLUGS

Pole base plugs are made of UV stabilized polyethylene. They are designed to resist the punching forces of the pole into the soil. They are field removable for access into the interior of the pole.

Part Number	Description	Weight
FAB282	8" Base Plug (Fites CP076-8" Series II)	1 lb.
FAB284	10" Base Plug (Fits CP074-10" Series II)	2.5 lb.
FAB286	10" Base Plug (Fits CP210-10" Series III)	2.5 lb.



FAB282/FAB284/FAB286

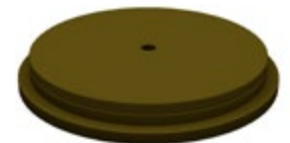
ROUND POLE CAPS AND PLUGS

Part Number	Description	Weight
FAB529.0005**	Round pole cap for TU440 - 10" x 3/8" - PE	2.6 lb
FAB529.0001**	Round pole cap for TU450 - 12" x 1/2" - PE	3.4 lb
FAB529.0002**	Round pole cap for TU455 - 12" x 3/8" - PE	3.6 lb
FAB530.0001**	Round pole cap for TU460 - 16" x 1/2" - PE	5.7 lb
FFS085.0001**	Round pole cap for TU450 - 12" x 1/2" - FRP	11.1 lb.
FFS085.0007**	Round pole cap for TU455 - 12" x 3/8" - FRP	11.4 lb.
FFS085.0004**	Round pole cap for TU460 - 16" x 1/2" - FRP	20.4 lb.

****Consult purchasing for current purchase price.**



FAB529



FFS085

POLY HOLE PLUGS

Part Number	Description	Weight
FAB300**	5/8" Poly Hole Plug	.1 lb.
FAB389**	11/16" Poly Hole Plug	.1 lb.
FAB301**	13/16" Poly Hole Plug	.1 lb.
FAB407**	15/16" Poly Hole Plug	.1 lb.
FAB470**	1" Poly Hole Plug	.1 lb.
FAB362**	1-1/8" Poly Hole Plug	.1 lb.
FAB458**	1-3/8" Poly Hole Plug	.1 lb.

****Consult purchasing for current purchase price.**



FAB300/FAB389/FAB301/
FAB407/FAB470/
FAB362/FAB458

POLE HARDWARE (CONTINUED)

CLIPS

Part Number	Description	Weight
PTK014**	Grounding wire attachment clip. Note: use self tapping screw to secure clip to FRP arms and poles. (50 pcs./package; screw not included)	.05 lb.

**Consult purchasing for current purchase price.



WASHERS

Part Number	Description	Weight
FAB195**	4" x 4" Square Flat Washer (3/8" thick - 13/16" hole)	1.5 lb.
FAB469**	4" x 4" Curved Square Flat Washer for 12" round pole (1/4" thick - 13/16" hole)	1 lb.
FAB549**	6" x 5.75" Curved Washer for 10" round pole (3/8" thick - 13/16" hole)	3.7 lb.
FAB448**	6" x 5.75" Curved Washer for 12" round pole (1/2" thick - 13/16" hole)	4.8 lb.
FAB449**	6" x 5.75" Curved Washer for 16" round pole (1/2" thick - 13/16" hole)	4.8 lb.
FAB459**	Octagonal Pole Guy Support Plate	4.9 lb.
FAB548**	10" Round Pole Guy Support Plate	9.0 lb.
FAB460**	12" Round Pole Guy Support Plate	11.6 lb.
FAB461**	16" Round Pole Guy Support Plate	11.6 lb.

Note: Washers and plates are a structural grade steel galvanized in accordance with ASTM A123.



OCTAGONAL POLE STEPS

Part Number	Description	Weight
FAB106**	5/8"x18" Galvanized Permanent Single Sided Pole Step (Verizon Approved) Fits 10" Poles, (CP210 and CP074)	1.5 lb.
FAB107**	5/8"x12" Galvanized Detachable Single Sided Step Mount, Fits 10" Poles, (CP210 and CP074) Accepts FAB307 Step	1.5 lb.
FAB287**	3/4"x19" Galvanized Permanent Single Sided Climbing Pole Step, Fits 10" Poles, (CP210 and CP074)	3.5 lb.
FAB288**	3/4"x24.5" Galvanized Permanent Double Sided Pole Step, Fits 10" Poles, (CP210 and CP074)	4.5 lb.
FAB307	Detachable Step, Galvanized fits FAB107 and FAB314	0.5 lb.
FAB314	5/8"x12" Galvanized Detachable Step Mount, Double Sided Pole Step, Fits 10" Poles, (CP210 and CP074) Accepts FAB307 Step	2.0 lb.
FAB445**	5/8"x10" Galvanized Detachable Single Sided Step Mount, Fits 8" Poles, (CP076) Accepts FAB307 Step	1.8 lb.
FAB446**	5/8"x15.5" Galvanized Permanent Single Sided Pole Step (Verizon Approved) Fits 8" Pole, (CP076)	2.0 lb.

**Consult purchasing for current purchase price.



POLE HARDWARE (CONTINUED)

ROUND POLE STEPS

Part Number	Description	Weight
FAB289*	Single Sided Climbing Step, Stainless Steel for Round Fiberglass Poles, Fits 12" and 16" dia poles (TU450, TU455 and TU460)	.90 lb.
FAB439**	Removable Pole Step, Galvanized for Round Fiberglass Poles, Fits 12" and 16" dia poles (TU450, TU455 and TU460), Fits FAB440	.75 lb.
FAB440**	Removable Pole Step Mounting Assembly for Round Fiberglass Poles, Fits 12" and 16" dia poles (TU450, TU455 and TU460), Accepts FAB439	1.5 lb.
FAB441**	3/4"x 20" Square Head Machine Bolt with Nut HDG (use w/ one FAB462 for single sided step on 12" diameter poles)	2.8 lb.
FAB509**	3/4"x 24" Square Head Machine Bolt with Nut HDG (use w/ one FAB462 for single sided step on 16" diameter poles)	3.2 lb.
FAB443**	3/4" x 26" Square Head Machine Bolt with Nut HDG (use w/ two FAB462 for double sided step on 12" diameter poles)	3.6 lb.
FAB444**	3/4" x 30" Square Head Machine Bolt with Nut HDG (use w/ two FAB462 for double sided step on 16" diameter poles)	4.0 lb.
FAB462**	Step Sleeve for Round Poles, use with 3/4" bolts for single and double sided steps on round poles	1.8 lb.
FAB550**	Round Pole Step Mount, Fits 10" dia poles, (TU440) Accepts FAB307 Step	3.5 lb.
FAB473**	Round Pole Step Mount, Fits 12" dia poles, (TU450 and TU455) Accepts FAB307 Step	3.6 lb.
FAB474**	Round Pole Step Mount, Fits 16" dia poles, (TU460) Accepts FAB307 Step	4.0 lb.

* **Non-stocked item.**

****Consult purchasing for current purchase price.**



FAB289



FAB439



FAB440



FAB441/FAB509/
FAB443/FAB444



FAB462



FAB473/FAB474/FAB550

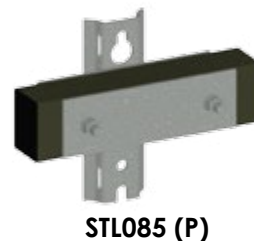
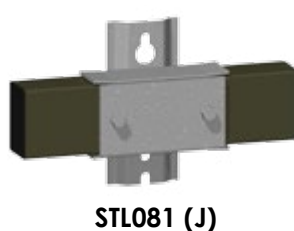
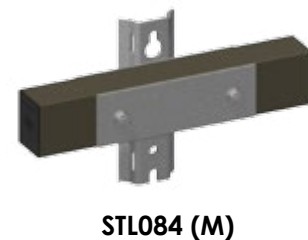
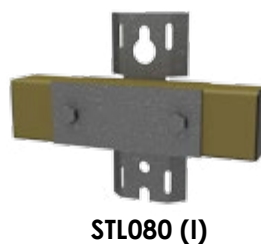
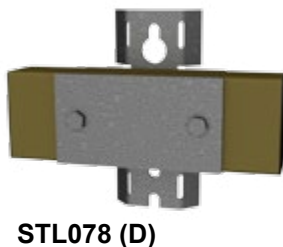
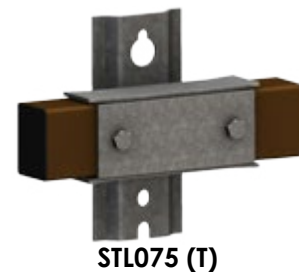
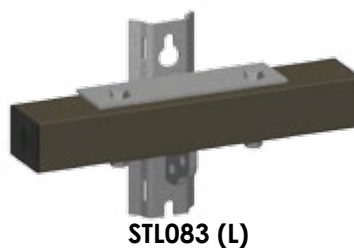
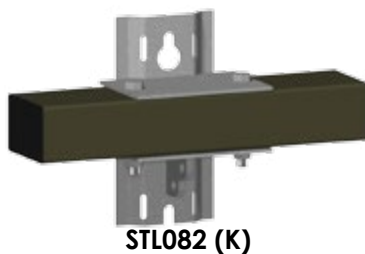
CROSSARM HARDWARE

CENTERMOUNT BRACKETS

Part Number	Description	Weight
STL082 (K)**	TR150 4" x 6" Deadend Bracket with Guy Attachments Grade 50 steel deadend center mount featuring 3/4" dia. holes for double guy attachment. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a deadend configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.	18.1 lb.
STL083 (L)**	CP2500 or CP3000 3-5/8" x 4-5/8" Deadend Bracket with Guy Attachments Grade 50 steel deadend center mount featuring 3/4" dia. holes for double guy attachment. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a deadend configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.	16.4 lb.
STL075 (T)**	TR100 3-1/2" x 4-1/2" Heavy Duty Channel Tangent Bracket Grade 50 steel tangent mount. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a tangent configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.	16.1 lb.
STL078 (D)**	TR150 4" x 6" Tangent Bracket Grade 50 steel tangent mount. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a tangent configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.	9.6 lb.
STL080 (I)**	TR100 3-1/2" x 4-1/2" Tangent Bracket Grade 50 steel tangent mount. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a tangent configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.	7.3 lb.
STL084 (M)**	CP2500 3-5/8" x 4-5/8" Tangent Bracket Grade 50 steel tangent mount. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a tangent configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.	15.2 lb.
STL081 (J)**	TR150 4" x 6" Heavy Duty Channel Tangent Bracket Grade 50 steel tangent mount. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a tangent configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.	18.1 lb.
STL085 (P)**	CP3000 3-5/8" x 4-5/8" Tangent Bracket Grade 50 steel tangent mount. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a tangent configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.	15.8 lb.

Note: All centermounts are galvanized per ASTM A123 and ASTM A153, welded per AWS D1.1.

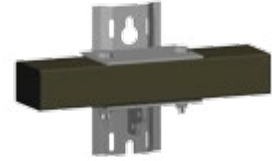
**Consult purchasing for current purchase price.



CROSSARM HARDWARE

CENTERMOUNTS KITS - DEADEND CROSSARMS

Kit Part Number	Deadend Arm to Pole Mounting Bracket Kits	Weight
PTK012 (K)	<p>TR150 4" x 6" Deadend Bracket Kit with Guy Attachments</p> <p>Description: Grade 50 steel deadend center mount featuring 3/4" dia. holes for double guy attachment. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a deadend configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.</p> <p>PTK012 Kit Includes:</p> <ul style="list-style-type: none"> (1) STL082 Bracket (18.1 lbs) (2) FAB185 - 6" x 3/4" Bolts A325 or 5 SAE Grade (2) FAB186 - 3/4" Nuts A325 or 5 SAE Grade (2) FAB187 - 3/4" Lock/Spring Washers <p>Note: Bracket drilled for 12" spacing of 3/4" pole mount hardware and includes 1-1/4" steel banding slots.</p>	21 lbs.
PTK017 (L)	<p>CP2500 or CP3000 3-5/8" x 4-5/8" Deadend Bracket Kit with Guy Attachments</p> <p>Description: Grade 50 steel deadend center mount featuring 3/4" dia. holes for double guy attachment. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a deadend configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.</p> <p>PTK017 Kit Includes:</p> <ul style="list-style-type: none"> (1) STL083 Bracket (16.4 lbs) (2) FAB551 - 5-1/2" x 3/4" Bolts 5 SAE Grade (2) FAB186 - 3/4" Nuts A325 or 5 SAE Grade (2) FAB187 - 3/4" Lock/Spring Washers <p>Note: Bracket drilled for 12" spacing of 3/4" pole mount hardware and includes 1-1/4" steel banding slots.</p>	19 lbs.



PTK012 (K)



PTK017 (L)

****Consult purchasing for current purchase price.**

CROSSARM HARDWARE

CENTERMOUNTS KITS - TANGENT CROSSARMS

Kit Part Number	Tangent Arm to Pole Mount Kits	Weight
PTK010 (T)	<p>TR100 3-1/2" x 4-1/2" Heavy Duty Channel Tangent Bracket Kit Description: Grade 50 steel tangent mount. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a tangent configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.</p> <p>PTK010 Kit Includes: (1) STL075 Bracket (16.1 lbs) (1) FAB437 - 11" x 4.5" x 1/4" Steel Plate (2) FAB551 - 5-1/2" x 3/4" Bolts 5 SAE Grade (2) FAB186 - 3/4" Nuts A325 or 5 SAE Grade (2) FAB187 - 3/4" Lock/Spring Washers</p> <p>Note: Bracket drilled for 10" or 12" spacing of 3/4" pole mount hardware and includes 1-1/4" steel banding slots.</p>	20 lbs.
PTK015 (D)	<p>TR150 4" x 6" Tangent Bracket Kit Description: Grade 50 steel tangent mount. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a tangent configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.</p> <p>PTK015 Kit Includes: (1) STL078 Bracket (9.6 lbs) (1) FAB438 - 11" x 6" x 3/8" Steel Plate (2) FAB185 - 6" x 3/4" Bolts A325 or 5 SAE Grade (2) FAB186 - 3/4" Nuts A325 or 5 SAE Grade (2) FAB187 - 3/4" Lock/Spring Washers</p> <p>Note: Bracket drilled for 10" or 12" spacing of 3/4" pole mount hardware and includes 1-1/4" steel banding slots.</p>	19 lbs.
PTK011 (I)	<p>TR100 3-1/2" x 4-1/2" Tangent Bracket Kit Description: Grade 50 steel tangent mount. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a tangent configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.</p> <p>PTK011 Kit Includes: (1) STL080 Bracket (7.3 lbs) (1) FAB437 - 11" x 4.5" x 1/4" Steel Plate (2) FAB551 - 5-1/2" x 3/4" Bolts 5 SAE Grade (2) FAB186 - 3/4" Nuts A325 or 5 SAE Grade (2) FAB187 - 3/4" Lock/Spring Washers</p> <p>Note: Bracket drilled for 10" or 12" spacing of 3/4" pole mount hardware and includes 1-1/4" steel banding slots.</p>	13 lbs.



PTK010 (T)



PTK015 (D)



PTK011 (I)

****Consult purchasing for current purchase price.**

CROSSARM HARDWARE

CENTERMOUNTS KITS - TANGENT CROSSARMS

Kit Part Number	Tangent Arm to Pole Mount Kits	Weight
PTK018 (M)	<p>CP2500 3-5/8" x 4-5/8" Tangent Bracket Kit Description: Grade 50 steel tangent mount. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a tangent configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.</p> <p>PTK018 Kit Includes: (1) STL084 Bracket (15.2 lbs) (1) FAB496 - 14"x4.5"x1/4" Steel Plate (2) FAB551 - 5-1/2" x 3/4" Bolts 5 SAE Grade (2) FAB186 - 3/4" Nuts A325 or 5 SAE Grade (2) FAB187 - 3/4" Lock/Spring Washers</p> <p>Note: Bracket drilled for 8", 10" or 12" spacing of 3/4" pole mount hardware and includes 1-1/4" steel banding slots.</p>	18 lbs.
PTK019 (J)	<p>TR150 4" x 6" Heavy Duty Channel Tangent Bracket Kit Description: Grade 50 steel tangent mount. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a tangent configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.</p> <p>PTK019 Kit Includes: (1) STL081 bracket (18.1 lbs) (1) FAB438 - 11"x6"x3/8" Steel Plate (2) FAB185 - 6" x 3/4" Bolts A325 or 5 SAE Grade (2) FAB186 - 3/4" Nuts A325 or 5 SAE Grade (2) FAB187 - 3/4" Lock/Spring Washers</p> <p>Note: Bracket drilled for 10" or 12" spacing of 3/4" pole mount hardware and includes 1-1/4" steel banding slots.</p>	28 lbs.
PTK021 (P)	<p>CP3000 3-5/8" x 4-5/8" Tangent Bracket Kit Description: Grade 50 steel tangent mount. Bracket is intended for mounting FRP arms to steel, wood, concrete or FRP poles in a tangent configuration. Steel fabrication and hardware galvanized per ASTM A123 and A153, welded per AWS D1.1.</p> <p>PTK019 Kit Includes: 1) STL085 Bracket (15.8 lbs) (1) FAB496 - 14"x4.5"x1/4" Steel Plate (2) FAB551 - 5-1/2" x 3/4" Bolts 5 SAE Grade (2) FAB186 - 3/4" Nuts A325 or 5 SAE Grade (2) FAB187 - 3/4" Lock/Spring Washers</p> <p>Note: Bracket drilled for 10" or 12" spacing of 3/4" pole mount hardware and includes 1-1/4" steel banding slots.</p>	22.5 lbs.



PTK018 (M)



PTK019 (J)



PTK021 (P)

****Consult purchasing for current purchase price.**

TOOLS

NUTS, BOLTS AND WASHERS

Nuts, Bolts and Washers are galvanized per ASTM A-153.

Washers

Part Number	Description	Weight
FAB491**(**)	3.5" x 3.5" Square Flat Washer (3/8" thick - 11/16" hole)	1.3 lb.
FAB528**(**)	3.5" x 3.5" Square Flat Washer (3/8" thick - 13/16" hole)	1.3 lb.
FAB192**(**)	4" x 4" Square Flat Washer (3/8" thick - 11/16" hole)	1.5 lb.
FAB327**(**)	4" x 4" Square Flat Washer (1/4" thick - 13/16" hole)	1 lb.
FAB326	4" x 4" Square Flat Washer (1/4" thick - 11/16" hole)	1 lb.
FAB438**	11" x 6" x 3/8" Tangent Bracket Plate (13/16" holes)	7 lb.
FAB437**	11" x 4.5" x 1/4" Tangent Bracket Plate (13/16" holes)	4 lb.
PTK014**	Grounding wire attachment clip. Note: use self tapping screw to secure clip to FRP arms and poles. (50 pcs./package; screw not included)	.05 lb.

*Non-stocked item.

**Consult purchasing for current purchase price.



FAB491
FAB528
FAB192
FAB327
FAB326



PTK014

5/8" Nuts and Bolts

Part Number	Description	Weight
FAB191	5/8" -11 Oval Eye Nut	.5 lb.
FAB188	5/8" x 9" Double-Arm Bolt (Tensile strength: 12,400 lbs.)***	.5 lb.
FAB189	5/8" Nut	.10 lb.
FAB190	5/8" Lock Washer	.05 lb.
FAB212	5/8" x 5" A325 Grade (Thread length 1-1/4")	.5 lb.
FAB492**(**)	5/8 x 7.5" Double-Arm Bolt***	.5 lb.

*Non-stocked item.

**Consult purchasing for current purchase price.

***Meet requirements of IEEE C135.1.



FAB191
FAB194

FAB188, FAB193,
FAB492, FAB527



FAB185, FAB212, FAB551



FAB187
FAB190



FAB186
FAB189

3/4" Nuts and Bolts

Part Number	Description	Weight
FAB194	3/4"-10 Oval Eye Nut	.5 lb.
FAB193	3/4" x 9" Double-Arm Bolt (Tensile strength: 18,350 lbs.)***	1 lb.
FAB527**(**)	3/4" x 10UNC x 7.5" Double-Arm Bolt (Tensile strength: 18,350 lbs.)	1 lb.
FAB185	3/4" x 6" A325 Grade (Thread length 1-3/8")	1 lb.
FAB186	3/4" Nut	.20 lb.
FAB187	3/4" Lock Washer	.05 lb.
FAB551**	3/4" x 5-1/2" Bolt 5 SAE Grade	0.75 lb.

*Non-stocked item.

**Consult purchasing for current purchase price.

***Meet requirements of IEEE C135.1.

DRILLING AND CUTTING KIT

Part Number	Description
FAB364**	13/16" Carbide Drill Bit x 18" long
FAB363**	11/16" Carbide Drill Bit x 18" long
FAB365**	Carbide Grit Sawzall Blades - 8" Length
PTK003**	Kit (1-FAB364, 1-FAB363 and 2-FAB365)

**Consult purchasing for current purchase price.



Use any bit with
this carbide cutting edge.



FAB364



FAB363



FAB365

Drill bit Substitutions: Bosch 5/8" - HCBG21
Bosch 3/4" - HCBG23

214 Industrial Lane, Alum Bank, PA 15521
Phone 814.839.4186 • Fax 814.839.4276 • Toll Free 888.CPI.PULL
www.creativepultrusions.com • www.powertrusion.com



PLEASE SCAN WITH PHONE