

**New &
Improved!**

PLY-LO FASTENERS

The Original Hi-Low Thread



IMPROVED!



PLY-LO #10 EXTENDED

The original - PLY-LO #10 is the fastener that built the post frame industry. Contractors know the importance of using strong, quality fasteners to complete the best building. Build the best buildings... use the best fasteners!



A TRUE 1000 hour fastener - tested in accordance with ASTM B117 for over 1000 hour salt spray.



All fasteners are thoroughly tested internally and 3RD PARTY.



Fast Drilling Technology.



Computerized color matching assures your fasteners will be a perfect color match to any roll former's steel.



Packed in 250 count bags for ease of job pack distribution.



EPDM bonded washer for superior seal.



NOW WITH A LIMITED 12 YEAR WARRANTY!



Mechanical plating method allows for more plating to be deposited on the fastener in a more uniform fashion, eliminating hydrogen embrittlement, which is commonly associated with other plating methods. An additional long life coating is applied over mechanical galvanization.

Ply-Lo AVERAGE PULLOUT 1" PENETRATION

Screw Description	Test Material	Specific Gravity	Ultimate Pullout/Lbs
Ply-Lo #10 Type 17 milled point Mechanical Zinc Alloy Plating (.0007) Min.	SPF	.42	596
	Douglas Fir	.50	1028
	Southern Pine	.55	1047
	15/32" Plywood	.45	362
	19/32" Plywood	.45	410

Lumber for these tests is typical of the wood used in post frame construction. This lumber was not kiln dried. Tighter grain structure would provide substantial increase in pullout values. Values with 1" penetration can vary up to 1150 lbs, depending on wood density. We believe these are typical values found in field applications. These values are ultimate with no safety factors. Recommended minimum penetration is 1".

FASTENER STRENGTH CHARACTERISTICS

Ply-Lo

SIZE	STEEL	TENSILE	SHEAR	TORSIONAL	RC HARDNESS	
10	C1018	2100 lbs.	1400 lbs.	65 in-lbs.	48-54	28-38
HEAD	POINTS	WASHER	HEIGHT	MAJOR DIA	MINOR DIA.	
.250 max.	.277 min.	0.345	0.143	.194 -.201	.135 -.150	

Ply-Lo APPLICATIONS

Fasten steel sheet (29, 26 gauge) to wood frame. Type 17 point with Hi-Lo thread. Generates superior holding strength. Excellent choice for use with battery-operated screw gun. 1/2" Washer.

STANDARD SIZES

#10 diameter
(1/4" across flats Hex Washer Head)
Lengths: 1", 1 1/2", 2", 2 1/2", 3"

NEW!



PLY-LO #10 EXTREME

Extreme environments call for a fastener that can take extreme conditions. Ply-Lo Extreme is the fastener that can take harsh conditions. This fastener has all the features of the original Ply-Lo, and now has longer warranty and higher performance.



A 3000 hour fastener - tested in accordance with ASTM B117 for over 3000 hour salt spray.



All fasteners are thoroughly tested internal and 3RD PARTY.



Fast Drilling Technology.



Computerized Color matching assures your fasteners will be a perfect color match to any roll former's steel.



Packed in 250 count bags for ease of job pack distribution.



EPDM bonded washer for superior seal.



Performs excellent in galvalume.



40 YEAR LIMITED WARRANTY!

Ply-Lo AVERAGE PULLOUT 1" PENETRATION

Screw Description	Test Material	Specific Gravity	Ultimate Pullout/Lbs
Ply-Lo #10 Type 17 milled point Mechanical Zinc Alloy Plating (.0007) Min.	SPF	.42	596
	Douglas Fir	.50	1028
	Southern Pine	.55	1047
	15/32" Plywood	.45	362
	19/32" Plywood	.45	410

Lumber for these tests is typical of the wood used in post frame construction. This lumber was not kiln dried. Tighter grain structure would provide substantial increase in pullout values. Values with 1" penetration can vary up to 1150 lbs, depending on wood density. We believe these are typical values found in field applications. These values are ultimate with no safety factors. Recommended minimum penetration is 1".

FASTENER STRENGTH CHARACTERISTICS

Ply-Lo

SIZE	STEEL	TENSILE	SHEAR	TORSIONAL	RC HARDNESS	
10	C1018	2100 lbs.	1400 lbs.	75 in-lbs.	48-54	28-38
HEAD	POINTS	WASHER	HEIGHT	MAJOR DIA	MINOR DIA.	
.250 max.	.277 min.	0.345	0.143	.194 -.201	.135 -.150	

Ply-Lo APPLICATIONS

Fasten steel sheet (29, 26 gauge) to wood frame. Type 17 point with Hi-Lo thread. Generates superior holding strength. Excellent choice for use with battery-operated screw gun. 1/2" Washer.

STANDARD SIZES

#10 diameter
(1/4" across flats Hex Washer Head)
Lengths: 1", 1 1/2", 2", 2 1/2", 3"

NEW!



PLY-LO #12 EXTREME

The Ply-Lo EXTREME #12 fastener includes the long life coating in a fastener designed to secure metal panels in place and prevent separation. Application: Used in extreme environments, large buildings and as replacements.



All fasteners are thoroughly tested internal and 3RD PARTY.



Fast Drilling Technology.



Computerized Color matching assures your fasteners will be a perfect color match to any roll former's steel.



Packed in 250 count bags for ease of job pack distribution.



EPDM bonded washer for superior seal.



Mechanical galvanization plus a long life coating; allowing us for a longer warranty!



40 YEAR LIMITED WARRANTY!

Ply-Lo AVERAGE PULLOUT 1" PENETRATION

Screw Description	Test Material	Specific Gravity	Ultimate Pullout/Lbs
Ply-Lo #12 Type 17 milled point Mechanical Zinc Alloy Plating (.0007) Min.	SPF	.42	596
	Douglas Fir	.50	1028
	Southern Pine	.55	1047
	15/32" Plywood	.45	362
	19/32" Plywood	.45	410

Lumber for these tests is typical of the wood used in post frame construction. This lumber was not kiln dried. Tighter grain structure would provide substantial increase in pullout values. Values with 1" penetration can vary up to 1150 lbs, depending on wood density. We believe these are typical values found in field applications. These values are ultimate with no safety factors. Recommended minimum penetration is 1".

Ply-Lo APPLICATIONS

Fasten steel sheet (29, 26 gauge) to wood frame. Type 17 point with Hi-Lo thread. Generates superior holding strength. Excellent choice for use with battery-operated screw gun. ⁹/₁₆" Washer.

STANDARD SIZES

#12 diameter
(5/16" across flats Hex Washer Head)
Lengths: 1 1/2", 2", 2 1/2", 3"

FASTENER STRENGTH CHARACTERISTICS

Ply-Lo

SIZE	STEEL	TENSILE	SHEAR	TORSIONAL	RC HARDNESS	
12	C1018	2400 lbs.	2000 lbs.	87 in-lbs.	48-54	28-38
HEAD	POINTS	WASHER	HEIGHT	MAJOR DIA	MINOR DIA.	
.312 max.	.350 min.	0.428	.182	.208 -.220	.139 -.146	

NEW!

PLY-LO #14 EXTREME

The Ply-Lo EXTREME #14 fastener will anchor the metal panel to the wood structure to prevent panel pullover and shear in extreme conditions.

Application: Used in extreme environments, large buildings and as replacements.



All fasteners are thoroughly tested internal and 3RD PARTY.



EPDM bonded washer for superior seal.



Fast Drilling Technology.



Mechanical galvanization plus a long life coating; allowing us for a longer warranty!



Computerized Color matching assures your fasteners will be a perfect color match to any roll former's steel.



40 YEAR LIMITED WARRANTY!



Packed in 250 count bags for ease of job pack distribution.

Ply-Lo AVERAGE PULLOUT 1" PENETRATION

Screw Description	Test Material	Specific Gravity	Ultimate Pullout/Lbs
Ply-Lo #14 Type 17 milled point Mechanical Zinc Alloy Plating (.0007) Min.	SPF	.42	596
	Douglas Fir	.50	1028
	Southern Pine	.55	1047
	15/32" Plywood	.45	362
	19/32" Plywood	.45	410

Lumber for these tests is typical of the wood used in post frame construction. This lumber was not kiln dried. Tighter grain structure would provide substantial increase in pullout values. Values with 1" penetration can vary up to 1150 lbs, depending on wood density. We believe these are typical values found in field applications. These values are ultimate with no safety factors. Recommended minimum penetration is 1".

Ply-Lo APPLICATIONS

Fasten steel sheet (29, 26 gauge) to wood frame. Type 17 point with Hi-Lo thread. Generates superior holding strength. Excellent choice for use with battery-operated screw gun. ⁵/₈" Washer.

FASTENER STRENGTH CHARACTERISTICS

Ply-Lo						
SIZE	STEEL	TENSILE	SHEAR	TORSIONAL	RC HARDNESS	
14	C1018	3600 lbs.	2600 lbs.	144 in-lbs.	48-54	28-38
HEAD	POINTS	WASHER	HEIGHT	MAJOR DIA	MINOR DIA.	
.312 max.	.350 min.	0.428	.182	.208 -.220	.139 -.146	

STANDARD SIZES

#14 diameter
(5/16" across flats Hex Washer Head)
Lengths: 1 1/2", 2", 2 1/2", 3"



PLY-LO LOW PROFILE

Ply-Lo Low Profile dome head fasteners with a 6 point star drive provides an aesthetic, low profile appearance on sidewall metal applications on post frame buildings.

- ★ Ply-Lo quality with a low profile head for more attractive building.
- ★ Ply-Lo “Fast Drilling Technology.
- ★ Superior paint system for long life.
- ★ Tested in accordance ASTM B117 over 1000 hours.
- ★ All fasteners are thoroughly tested internal and 3RD PARTY.
- ★ Available 1” with or without washers. 1 1/2” & 2” with washers. Call for a fastener with bonded washer.
- ★ 12 YEAR LIMITED WARRANTY!

Ply-Lo AVERAGE PULLOUT 1” PENETRATION

Screw Description	Test Material	Specific Gravity	Ultimate Pullout/Lbs
Ply-Lo #10 Type 17 milled point Mechanical Zinc Alloy Plating (.0007) Min.	SPF	.42	596
	Douglas Fir	.50	1028
	Southern Pine	.55	1047
	15/32” Plywood	.45	362
	19/32” Plywood	.45	410

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FASTENER STRENGTH CHARACTERISTICS

Ply-Lo

SIZE	STEEL	TENSILE	SHEAR	TORSIONAL	RC HARDNESS	
10-14	C1018	2100 lbs.	1400 lbs.	65 in-lbs.	48-54	28-38
HEAD	POINTS	WASHER	HEIGHT	MAJOR DIA	MINOR DIA.	
.500 max.	N/A	0.355	0.143	.194 -.201	.130 -.135	

Ply-Lo APPLICATIONS

Fasten steel sheet (29, 26 gauge) to wood frame. Type 17 point with Hi-Lo thread. Generates superior holding strength. Excellent choice for use with battery-operated screw gun.

STANDARD SIZES

#10 diameter
#25 Torx
Lengths: 1”, 1½”, 2”, 2½”, 3”



PLY-LO 410



Ply-Lo 410 stainless fasteners, secure roof sheets to wood for a long life. Hi-Lo type 17 cut point - 410 stainless steel with Ultra-seal Corrosion Resistant Coating - 1/2" O.D. 304 Stainless / EPDM Vulcanized Sealing Washer. 1/4" Across flats hex head.



All fasteners are thoroughly tested internally and 3RD PARTY.



Packed in 250 count bags for ease of job pack distribution.



Fast Drilling Technology.



EPDM bonded washer for superior seal.



Computerized color matching assures your fasteners will be a perfect color match to any roll former's steel.

Ply-Lo AVERAGE PULLOUT 1" PENETRATION

Screw Description	Test Material	Specific Gravity	Ultimate Pullout/Lbs
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FASTENER STRENGTH CHARACTERISTICS

Ply-Lo

SIZE	STEEL	TENSILE	SHEAR	TORSIONAL	RC HARDNESS	
10-14	C1018	2100 lbs.	1400 lbs.	65 in-lbs.5	48-54	28-38
HEAD	POINTS	WASHER	HEIGHT	MAJOR DIA	MINOR DIA.	
.250 max.	.277 min.	0.345	0.143	.194 -.201	.130 -.135	

Ply-Lo APPLICATIONS

Fasten steel sheet (29, 26 gauge) to wood frame. Type 17 point with Hi-Lo thread. Generates superior holding strength. Excellent choice for use with battery-operated screw gun. 1/2" SS Washer.

STANDARD SIZES

#10 diameter
(1/4" across flats Hex Washer Head)
Lengths: 1", 1 1/2", 2", 2 1/2"



**FASTEST, SHARPEST, CLEANEST
Drilling Fasteners Available!**



Metal to Wood.



Original Ply-Lo hi-low Thread.



**All Fasteners Are Thoroughly Tested
Internal and 3rd Party**



Type 17 Cut Point

Featuring the Ply-Lo **FAST DRILLING TECHNOLOGY** for faster drilling,
reducing installation time and product waste. Saving time and Money!



Impact Driver Friendly Fasteners.



Color Match Technology.



Proper Head Size

Ensures drive stability, eliminating fastener wobble and head stripping
giving your project a clean finished appearance.



**Contact your local sales representative about our
QUICK SHIP PROGRAM!**



EXTENDED WARRANTIES!



Because of its ongoing
commitment to product
improvement, East
Coast / Plyco
Corporation reserves
the right to change,
without notice, product
specifications,
availability, prices and
conditions of sale.

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