

Panel-TITE

Post Frame Fasteners

Metal-to-Wood Fastening Systems Guide



#9 Sharp Points	Page 2
#10 Dual Thread	Page 2
#12 Lap Fastener	Page 2
#14 High Strength	Page 2
Concealor Clip Fastener	Page 3
Butyl Tape and Sealants	Page 4
PipeMaster Pipe Flashing	Page 4
Power Tools	Page 4
Accessories	Page 4


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*With "TFC SPECIFIC" products
and programs, you get more
than you pay for...*

Products and Services for
Commercial Construction

Introducing **PANEL-TITE** metal-to-wood fasteners, designed for fast installation and corrosion free performance.


**Panel-Tite #9
Sharp Point**

Sharp gimlet point for fast penetration.
Comes standard with corrosion resistant long-life coating.
Over 5 times more corrosion protection than standard zinc plated fasteners!




<u>SIZE</u>	<u>ATTACHMENT RANGE</u>
#9-15 x 1" Gimlet	< .250"
#9-15 x 1-1/2" Gimlet	<.750"
#9-15 x 2" Gimlet	.500" to 1.250"
#9-15 x 2-1/2" Gimlet	1.000" to 1.750"
#9-15 x 3" Gimlet	1.500" to 2.250"

Available with a stainless steel or zinc alloy head for 20 year warranty roof systems!




**Panel-Tite #10
Dual Thread**

Dual thread form for increased pullout load. The special milled point penetrates high tensile steel panels!



<u>SIZE</u>	<u>ATTACHMENT RANGE</u>
#10-15 x 1" Dual Thread	< .250"
#10-15 x 1-1/2" Dual Thread	<.750"
#10-15 x 2" Dual Thread	.500" to 1.250"
#10-15 x 2-1/2" Dual Thread	1.000" to 1.750"
#10-15 x 3" Dual Thread	1.500" to 2.250"

Available with a zinc alloy head for 20 year warranty roof systems!



**Panel-Tite #12
Lap/Stitch**

#12 sharp point for fast penetration into panel laps.



<u>SIZE</u>	<u>ATTACHMENT RANGE</u>
#12-14 x 3/4" Gimlet	Stitching - Panel Lap

Available with a stainless steel or zinc alloy head for 20 year warranty roof systems!



**Panel-Tite #14
High Performance**

#14 high strength for extra tough applications!



<u>SIZE</u>	<u>ATTACHMENT RANGE</u>
#14-10 x 1" type S point	< .250"
#14-10 x 1-1/2" type S point	< .750"
#14-10 x 2" type S point	.500" to 1.250"

Panel-Tite #9, #10, and #12 are bagged at 500 pieces each...no charge!

Ask us about reducing your inventory with our **PAK-ONE™** inventory management program!



All fasteners can be painted with our Kalida-Kote paint finish to your exact color match. Polyurethane with UV protection provides a chip resistant finish without chalking and fading.

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CONCEALOR[®] Low Profile Fasteners

Designed for SSR clip attachment
in concealed fastener panels



NEW!
Try our
Concealor ULP
(Ultra Low Profile)

SIZE

#10-11 x 1" ULP

#10-13 x 1" Gimlet Point
(Available in carbon and 302 Stainless)

#10-13 x 1-1/2" Gimlet Point Clip to Wood

#10-13 x 2" Gimlet Point Clip to Wood

APPLICATION

<20ga Clip to Wood

Clip to Wood

Clip to Wood

Clip to Wood

Concealors are available in lengths up to 7" long for wood or metal applications!

Refer to our Concealor catalog for additional product and technical information.

"Get a Grip" Rivets



Full line of rivets and
rivet setting tools!

Diameter	Grip	Length
1/8" (#42)	.063"-.125"	.275"
1/8" (#43)	.126"-.187"	.337"

Carbon Steel, Aluminum,
Stainless Steel

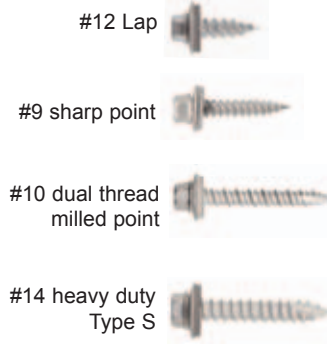
PANEL-TITE[™] Technical Data

Panel-Tite Fasteners

Designed for attaching sheet to sheet and sheet to wood substrates

Specifications

Material: Carbon Steel
Plating: Fluoropolymer Long-life (#9)
.0005" min zinc (#10 & #14)
Head Style: #9, #10, #12.....1/4" HWH
#14.....5/16" HWH
Point: Piercing Gimlet
Thread: #9-15 Double Lead
#10-15 High Low
#12-14 Double Lead
#14-10 Type S point
Paint: Kalida-Kote Polyurethane with
UV stabilizer



Corrosion Test Results

	#9 Long-Life	#10
Kesternich.....	30 cycles	5 cycles
Salt Spray.....	1,000 hours	48 hours

Pullout Values in Wood

Material	Pullout In Pounds			Embd Depth
	#9	#10	#14	
2x pine	328 662	960	852	3/4" 1"
1/2" CDX	222	312	384	full
5/8" CDX	399	446	489	full
3/4" CDX	403	492	667	full
7/16" OSB	183	250	245	full
19/32" OSB	276		365	full
23/64" OSB	261		406	full

Strengths

Size	Tensile (lbs. min)	Shear (avg. lbs. ult.)	Torsional (min. in.lbs.)	Stress Area
#9-15	1,800	1,200	50	.0106 in ²
#10-15	1,850	1,216	68	.0110 in ²
#12-14	2,778	2,000	92	.0159 in ²
#14-10	3,150	2,150	125	.0182 in ²

Pullover Strength in Pounds

Washer Size	26ga (.019")	24ga (.023")	22ga (.031")	20ga (.035")	18ga (.049")
1/2" O.D.	515	674	875	1100	1627
9/16" O.D.	587	744	915	993	1246
15mm O.D.	564	810	1097	1166	1643

**Need a custom
designed fastener?
Call our Fastening
Design Center at
(216) 351-9933**

Test results and fastener
recommendations are based on
laboratory conditions. Actual job-site
conditions should be considered.
Triangle Fastener is not responsible for
the use of this information.



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Sealants



Call us for your type and brand!

	Tubes	Bulk Pack	Colors
Silicone	10.3oz. tube	20oz. sausage packs	*
One-part Polyurethane	10.3oz. tube	20oz. sausage packs	*
Two-part Polyurethane	N/A	1-1/2 gallon units	Over 50 colors
Non-Skinning Butyl	10.3oz. tube	N/A	Off White
Acrylic	10.3oz. tube	5 gallon units	*

* Call for list of colors!

Butyl Tapes



- * Designed for sealing metal roof & wall panel laps.
- * Soft & pliable at temperatures as low as 0 degrees.
- * Elastic butyl tape bonds to oily GALVALUME, ZINCALUM, and KYNAR 500 paint finish.

Thickness	Width	Length
3/32" x	3/8" x	45' roll
3/16" x	1/4" x	40' roll
3/16" x	7/8" x	40' roll Double Bead
3/16" x	2-1/2" x	20' roll Triple Bead
1/8" x	1" x	50' roll

PIPE MASTER Pipe Flashing



We also stock retrofit pipe flashing!

Pipe Size Outside Diameter	Flashing Number	TFC Part Number	Number of Fasteners
1/4" to 2" EPDM	#1	001DEKR	10
1-3/4" to 3-1/4" EPDM	#2	002DEKR	13
1/4" to 4" EPDM	#3	003DEKR	16
Silicone	#3	003DEKS	16
3" to 6" EPDM	#4	004DEKR	19
4" to 7" EPDM	#5	005DEKR	22
Silicone	#5	005DEKS	22
5" to 9" EPDM	#6	006DEKR	26
6" to 11" EPDM	#7	007DEKR	30
8" to 13" EPDM	#8	008DEKR	35
Silicone	#8	008DEKS	35
10" to 18" EPDM	#9	009DEKR	54
Silicone	#9	009DEKS	54

Screwgun

0 to 2,500 RPM with depth sensing nosepiece
DeWalt DW268



Hand Tools

We stock a full line of hand tools for the commercial construction industry!

Snips



Locking Pliers



Duckbill Pliers



Sockets, Bits and Nutsetters

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Phillips Bits
Torx Bits
Square Bits
Bit Holders



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