

3 COPPER CLAD 4-PACKS

Rigid & Flex Laminates

PCB FAB-IN-A-BOX

4 Board Packs

Size: 6"x8", 1/2oz Copper, Epoxy Fiberglass FR-4 (G10)

SAMPLER Pack	SINGLE-Sided	DOUBLE-Sided
.032" Rigid, SS + DS .005" Flex, SS + DS .020" Carrier Board	4 Panels .032" Rigid	4 Panels .032" Rigid

PCB Sampler Pack


PCB 6x8, 4x, S/S


PCB 6x8, 4x, D/S


 www.PulsarProFX.com Phone: (850) 926-2009
4611 Crow Creek Drive, Colorado Springs, CO 80922

3 Arrangements 6"x8", 1/2oz copper



1) SAMPLER Pack:

1x .032" Single-sided
1x .032" Double-sided
1x .005" FlexPCB S/S
1x .005" FlexPCB D/S
1x Flex Carrier Board

2) SINGLE-Sided Pack:

4x .032"

3) DOUBLE-Sided Pack

4x .032"

ALL "PulsarProFX" PRODUCTS:

KITS:

- PCB "Fab-In-A-Box" [50-1003](#)
- PCB "Fab-In-A-Box" (MINI kit) [50-1006](#)
- Combo (PCB + DecalPro) [50-1004](#)
- DecalPRO (10min Graphics) [50-1001](#)

LAMINATOR:

- Applicator (12" 120 vac) [50-1301C](#)

SUPPLIES:

- PAPER: Toner Transfer Paper [50-1101](#)
- FOIL: GreenTRF (Etching) [50-1225](#)
- FOIL: WhiteTRF (Silkscreen) [50-1226](#)
- FOILS: "DecalPro" [50-1201 ~ 50-1299](#)
- CARRIER BOARD: "DecalPro" [50-1503](#)

COPPER CLAD: 8" x 10"

- 2pk Rigid .032" Single Sided [50-1501](#)
- 2pk Rigid .032" Double Sided [50-1502](#)
- 2pk Flex .005" Single Sided [50-1504](#)
- 2pk Flex .005" Double Sided [50-1505](#)

COPPER CLAD: 6" x 8"

- 4pk Rigid .032" Single Sided [50-1507](#)
- 4pk Rigid .032" Double Sided [50-1508](#)
- 4pk Sampler (Mixed)... [50-1506](#)
(.005" SS+DS and .032" SS+DS)

Underwriters Laboratories: All materials meet UL-94VO

General Information:

MIL-P-13949G Type Designation GFU.L. Designation – ANSI Grade FR-4
U.L. File Number E38534
Flammability Rating 94V-0
Maximum Operating Temperature 130°C
Copper Weight 1/2 oz.

Peel Strength:

As received	10 lbs/in, min
After Thermal Stress (550°F, 20 sec)	10 lbs/in, min
After Processing Solutions	9 lbs/in, min
At Elevated Temperature	8 lbs/in, min

Difunctional FR-4/G-10 Properties:

Flexural Strength Lengthwise	90 KSI, min
Permittivity, 1MHZ	4.7 max
Loss Tangent, 1MHZ	.015, max
Water Absorption	.15, max
ARC Resistance	120 sec, min
Volume Resistivity (Cond F)	1.0 x 10 ⁸ , min
Surface Resistivity (Cond. F)	1.0 x 10 ⁷ , min
Volume Resistivity E-24/125	5 x 10 ⁵ , min
Surface Resistivity E-24/125	1 x 10 ⁵ , min
Chemical Resistance	1.5%
Standard Tolerance	+/- .0050
Class 3 Tolerance	+/- .0035

Check out our unique "[Contact Etch](#)" technique for no etching tank needed and fast etch times under 2 minutes.

Pulsar
PROFESSIONAL fx

4611 Crow Creek Dr, Colorado Springs, CO 80922-4615

For more information about our techniques we invite you to visit
our website at PulsarProFX.com or call us at
(850) 926-2009, 9am-5pm MST