

PLYWOOD

MAHOGANY AND BIRCH PLYWOOD AIRCRAFT GRADE MIL-P-6070

Plywood for aircraft is produced by using glues of the thermosetting, synthetic-resin type. The quality requirements for plywood to be used in aircraft are much more exacting than for industrial plywood in general. Aircraft plywood meets MIL-P-6070B. The mill specification requires that the plywood be tested for general condition of boards, deviations of thickness, moisture content, tensile strength of wood, gluing strength, bending test, torsion test and immersion test/boiling test. Plywood is factory certified. MIL-P-6070B is laminated in a hot press with waterproof glue. 90° grain runs with 8 ft direction. 45° grain runs diagonal; use for spar facing. Approximate weight is based on 4' x 8' sheets.

Only 2' x 4' size sheets may be shipped UPS oversize rate - 30 lb. price. CRATING FEE: 2' x 4' - 3.00, 4' x 4' - 8.00, 4' x 8' - 11.00 ROLLED PLYWOOD 7.00

When ordering use part number (example): 1/16x2x4M90

MAHOGANY/POPLAR				PART NO.	PRICE	PRICE	PRICE	PRICE	PRICE	WEIGHT
SIZE	ANGLE	PLYS	FACE/CORE	(ADD SIZE)	1' x 4'	2' x 2'	2' x 4'	4' x 4'	4' x 8'	4' x 8'
1/16	90°	3 ply	Mahogany/Poplar	1/16 (size) M90	17.90	17.00	34.00	59.00	110.16	6#
1/16	45°	3 ply	Mahogany/Poplar	1/16 (size) M45	28.80	28.80	55.75	103.50	187.06	6#
3/32	90°	3 ply	Mahogany/Poplar	3/32 (size) M90	25.13	25.13	46.25	82.50	145.00	10#
3/32	45°	3 ply	Mahogany/Poplar	3/32 (size) M45	31.50	31.50	60.00	109.99	199.97	10#
1/8	90°	3 ply	Mahogany/Poplar	1/8 (size) M90	30.99	30.99	57.98	105.94	131.88	12#
1/8	45°	3 ply	Mahogany/Poplar	1/8 (size) M45	33.88	33.88	62.75	117.50	215.00	12#
3/16	90°	3 ply	Mahogany/Poplar	3/16 (size) M90-3	31.99	31.99	59.98	109.95	199.90	20#
3/16	45°	3 ply	Mahogany/Poplar	3/16 (size) M45-3	41.69	41.69	75.90	138.89	254.83	20#
3/16	90°	5 ply	Mahogany/Poplar	3/16 (size) M90-5	25.15	25.15	46.57	88.90	169.00	24#
3/16	45°	5 ply	Mahogany/Poplar	3/16 (size) M45-5	40.67	40.67	76.56	144.61	260.34	24#
1/4	90°	5 ply	Mahogany/Poplar	1/4 (size) M90	35.63	35.63	75.00	126.00	215.00	26#
1/4	45°	5 ply	Mahogany/Poplar	1/4 (size) M45	49.20	49.20	92.60	174.91	324.88	26#
5/16	90°	5 ply	Mahogany/Poplar	5/16 (size) M90	33.31	33.31	64.68	119.42	221.76	29#
3/8	90°	5 ply	Mahogany/Poplar	3/8 (size) M90	34.40	34.40	65.05	120.09	220.17	41#
7/16	90°	7 ply	Mahogany/Poplar	7/16 (size) M90	39.50	39.50	74.34	140.43	262.85	44#
1/2	90°	7 ply	Mahogany/Poplar	1/2 (size) M90	41.12	41.12	77.40	156.20	276.00	48#

BIRCH/POPLAR				PART NO.	PRICE	PRICE	PRICE	PRICE	PRICE	WEIGHT
SIZE	ANGLE	PLYS	FACE/CORE	(ADD SIZE)	1' x 4'	2' x 2'	2' x 4'	4' x 4'	4' x 8'	4' x 8'
1/16	90°	3 ply	Birch/Poplar	1/16 (size) B90	18.98	18.98	35.95	61.89	112.50	7#
1/16	45°	3 ply	Birch/Poplar	1/16 (size) B45	26.90	25.90	49.40	87.99	165.00	7#
3/32	90°	3 ply	Birch/Poplar	3/32 (size) B90	16.25	16.25	28.50	49.92	96.00	12#
3/32	45°	3 ply	Birch/Poplar	3/32 (size) B45	29.38	29.38	54.75	99.50	179.00	12#
1/8	90°	3 ply	Birch/Poplar	1/8 (size) B90	14.50	14.50	28.79	56.76	96.13	15#
1/8	45°	3 ply	Birch/Poplar	1/8 (size) B45	29.50	29.50	57.63	105.25	188.00	15#
3/16	90°	3 ply	Birch/Poplar	3/16 (size) B90-3	35.13	35.13	66.25	122.50	225.00	26#
3/16	90°	5 ply	Birch/Poplar	3/16 (size) B90-5	25.07	25.07	41.25	72.50	125.00	26#
3/16	45°	5 ply	Birch/Poplar	3/16 (size) B45-5	40.16	40.16	75.59	144.50	269.00	22#
1/4	90°	5 ply	Birch/Poplar	1/4 (size) B90	34.71	34.71	74.13	139.00	266.00	30#
1/4	45°	5 ply	Birch/Poplar	1/4 (size) B45	47.47	47.47	89.35	168.78	325.00	30#
5/16	90°	5 ply	Birch/Poplar	5/16 (size) B90	35.44	35.44	66.72	126.02	232.87	35#
3/8	90°	5 ply	Birch/Poplar	3/8 (size) B90	36.41	36.41	68.53	129.44	242.37	40#
7/16	90°	7 ply	Birch/Poplar	7/16 (size) B90	42.07	42.07	79.18	149.56	269.25	45#
1/2	90°	7 ply	Birch/Poplar	1/2 (size) B90	42.93	42.93	83.37	157.99	298.83	51#

WALNUT/POPLAR				PART NO.	PRICE	PRICE	PRICE	PRICE	PRICE	WEIGHT
SIZE	ANGLE	PLYS	FACE/CORE	(ADD SIZE)	1' x 4'	2' x 2'	2' x 4'	4' x 4'	4' x 8'	4' x 8'
1/16	90°	3 ply	Walnut/Poplar	1/16 (size) W90	28.75	28.75	53.49	96.98	173.95	9#
1/8	90°	3 ply	Walnut/Poplar	1/8 (size) W90	27.35	27.35	50.69	91.38	162.76	17#

MAPLE/POPLAR				PART NO.	PRICE	PRICE	PRICE	PRICE	PRICE	WEIGHT
SIZE	ANGLE	PLYS	FACE/CORE	(ADD SIZE)	1' x 4'	2' x 2'	2' x 4'	4' x 4'	4' x 8'	4' x 8'
3/16	90°	3 ply	Maple/Poplar	3/16 (size) MP90	27.67	27.67	51.34	92.67	165.33	28#
1/4	90°	5 ply	Maple/Poplar	1/4 (size) MP90	29.93	29.93	56.34	106.43	197.60	31#
5/16	90°	5 ply	Maple/Poplar	5/16 (size) MP90	30.63	30.63	59.97	109.94	199.87	36#
3/8	90°	5 ply	Maple/Poplar	3/8 (size) MP90	31.63	31.63	59.54	112.47	215.00	42#
7/16	90°	7 ply	Maple/Poplar	7/16 (size) MP90	37.29	37.29	70.83	131.66	243.32	47#
1/2	90°	7 ply	Maple/Poplar	1/2 (size) MP90	38.16	38.16	72.38	135.75	249.50	53#

BIRCH/BASSWOOD				PART NO.	PRICE	PRICE	PRICE	PRICE	PRICE	WEIGHT
SIZE	ANGLE	PLYS	FACE/CORE	(ADD SIZE)	1' x 4'	2' x 2'	2' x 4'	4' x 4'	4' x 8'	4' x 8'
1/16	90°	3 ply	Birch/Basswood	1/16 (size) BB90	19.49	19.49	34.97	59.93	99.85	5#
3/32	90°	3 ply	Birch/Basswood	3/32 (size) BB90	19.88	19.88	33.75	57.50	95.00	10#
1/8	90°	3 ply	Birch/Basswood	1/8 (size) BB90	19.59	19.59	35.18	60.35	100.69	12#
3/16	90°	3 ply	Birch/Basswood	3/16 (size) BB90-3	33.88	33.88	63.75	117.50	215.00	23#
3/16	90°	5 ply	Birch/Basswood	3/16 (size) BB90-5	27.00	27.00	50.00	90.00	160.00	19#
1/4	90°	5 ply	Birch/Basswood	1/4 (size) BB90	36.90	36.90	69.79	129.58	239.15	27#
5/16	90°	5 ply	Birch/Basswood	5/16 (size) BB90	44.28	44.28	82.56	155.12	290.23	31#
3/8	90°	5 ply	Birch/Basswood	3/8 (size) BB90	46.36	46.36	85.00	159.98	299.96	36#
7/16	90°	7 ply	Birch/Basswood	7/16 (size) BB90	54.38	53.00	98.88	187.75	355.49	40#
1/2	90°	7 ply	Birch/Basswood	1/2 (size) BB90	55.25	55.25	100.49	190.97	369.92	

PLYWOOD

MAPLE/BASSWOOD				PART NO.	PRICE	PRICE	PRICE	PRICE	PRICE	WEIGHT
SIZE	ANGLE	PLYS	FACE/CORE	(ADD SIZE)	1' x 4'	2' x 2'	2' x 4'	4' x 4'	4' x 8'	4' x 8'
3/16	90°	3 ply	Maple/Basswood	3/16 (size) MB90	28.13	28.13	52.25	94.50	168.14	26#
1/4	90°	5 ply	Maple/Basswood	1/4 (size) MB90	34.16	36.50	64.25	118.50	216.75	28#
5/16	90°	5 ply	Maple/Basswood	5/16 (size) MB90	37.90	37.90	69.57	129.13	238.25	33#
3/8	90°	5 ply	Maple/Basswood	3/8 (size) MB90	41.57	41.57	75.33	140.66	261.32	38#
7/16	90°	7 ply	Maple/Basswood	7/16 (size) MB90	49.59	49.59	87.79	165.87	311.74	44#
1/2	90°	7 ply	Maple/Basswood	1/2 (size) MB90	52.79	52.79	96.75	184.00	348.00	49#

BASSWOOD/BASSWOOD				PART NO.	PRICE	PRICE	PRICE	PRICE	PRICE	WEIGHT
SIZE	ANGLE	PLYS	FACE/CORE	(ADD SIZE)	1' x 4'	2' x 2'	2' x 4'	4' x 4'	4' x 8'	4' x 8'
1/16	90°	3 ply	Basswood/Basswood	1/16 (size) BS90	20.10	20.10	32.00	62.37	105.75	8#
3/32	90°	3 ply	Basswood/Basswood	3/32 (size) BS90	20.35	20.00	33.75	59.00	105.91	10#
1/8	90°	3 ply	Basswood/Basswood	1/8 (size) BS90	21.25	21.25	\$34.62	64.00	113.82	13#
3/16	90°	3 ply	Basswood/Basswood	3/16 (size) BS90-3	20.00	15.89	29.14	53.46	104.94	24#
3/16	90°	5 ply	Basswood/Basswood	3/16 (size) BS90-5	26.40	26.40	45.26	94.00	155.22	22#
1/4	90°	5 ply	Basswood/Basswood	1/4 (size) BS90	27.68	27.68	44.20	87.80	165.54	26#
5/16	90°	5 ply	Basswood/Basswood	5/16 (size) BS90	26.17	26.17	49.36	90.57	169.29	29#
3/8	90°	5 ply	Basswood/Basswood	3/8 (size) BS90	31.99	31.99	56.09	99.99	200.08	41#
7/16	90°	7 ply	Basswood/Basswood	7/16 (size) BS90	37.69	37.69	71.39	130.99	244.86	44#
1/2	90°	7 ply	Basswood/Basswood	1/2 (size) BS90	41.18	41.18	76.66	140.65	273.43	48#
3/4	90°	9 ply	Basswood/Basswood	3/4 (size) BS90	62.85	62.85	130.26	200.00	446.76	58#
5/8	90°	7 ply	Basswood/Basswood	5/8 (size) BS90	48.92	48.92	91.72	168.28	330.30	52#

FIR PLYWOOD

Fir plywood marine grade A-B

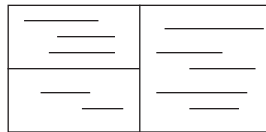
FIR MARINE GRADE A-B				PART NO.	PRICE	PART NO.	PRICE	PART NO.	PRICE	WEIGHT
SIZE	ANGLE	PLYS	FACE/CORE	2' x 4'	2' x 4'	4' x 4'	4' x 4'	4' x 8'	4' x 8'	4' x 8'
1/4	90°	3 ply	Fir/Fir	1/4x2x4F90	26.13	1/4x4x4F90	42.25	1/4x4x8F90	69.14	25#
3/8	90°	5 ply	Fir/Fir	3/8x2x4F90	32.75	3/8x4x4F90	55.50	3/8x4x8F90	89.47	35#
1/2	90°	5 ply	Fir/Fir	1/2x2x4F90	37.98	1/2x4x4F90	65.96	1/2x4x8F90	111.91	45#

PLYWOOD: ANC-19:3.1 GENERAL

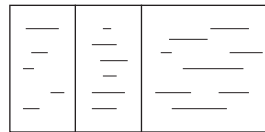
Plywood is an assembled product of wood and glue that is usually made of an odd number of thin plies (veneers), with the grain of each layer at an angle of 90 degree with the adjacent ply or plies. The outside plies are termed "faces," or "face and back," and the inner plies are termed "core and cross bands." In three-ply plywood the center ply is the core, and its grain is at an angle to the face plies. In panels with five or more plies, the center ply is the core, and the inner plies whose grain is at an angle to the faces and core are called cross bands.

The chief advantages of plywood as compared with solid wood are its more nearly equal strength properties along the length and width of the panel, greater resistance to checking and splitting and almost negligible change in width and length with changes in moisture content. These advantages are obtained by alternating the direction of grain in the successive

- Note:
1. Plywood may be cut for UPS shipment; however, UPS charges oversize rate of 30 lbs.
 2. Only 2'x4' or smaller may be shipped UPS. Larger sizes must be shipped motor freight.



Normal cut 2'x4', 4'x4'
Grain running with 8' direction



Cross grain cut 2'x4', 4'x4'
Grain running 90° to 8' direction

CRATING FEE:

- 2' x 4' - 3.00,
- 4' x 4' - 8.00,
- 4' x 8' - 11.00

ROLLED PLYWOOD 7.00
Plywood requiring a crate 30.00

Don't forget - saw blade takes an 1/8" out per cut. Labor may be charged for special cuts.

METRIC BIRCH PLYWOOD

Imported Finnish grade GL-11 meets the following mill specifications: Under 2.0mm thickness - at least 3 ply From 2.0mm thickness up to and including 6.0mm at least 5--ply

0.8MM through 1.5MM may be rolled for UPS shipment.

All other sizes must be cut 2' x 4' to ship UPS. Note that UPS charges oversize rate of 30 lbs to ship 2 x 4.

10% DISCOUNT -If you order 5 or more of the same thickness 4'x4' sheets!

METRIC SIZE	DEC.	EQUIVALENT SIZES FRC.	DEC.	WGHT	PART NO. 2' x 4'	PRICE 2' x 4'	PART NO. 4' x 4'	PRICE 4' x 4'
.8mm	(.0315)	1/32	(.0312)	2.18	0.8MMx2x4B	14.50	0.8MMx4x4B	26.20
1mm	(.0394)	3/64	(.0469)	2.72	1MMx2x4B	15.50	1MMx4x4B	29.98
1.5mm	(.0591)	1/16	(.0625)	3.94	1.5MMx2x4B	16.50	1.5MMx4x4B	27.78
2mm	(.0787)	3/32	(.0937)	4.82	2MMx2x4B	25.90	2MMx4x4B	43.55
2.5mm	(.0984)	7/64	(.1094)	6.48	2.5MMx2x4B	24.13	2.5MMx4x4B	41.00
3mm	(.1181)	1/8	(.125)	8.90	3MMx2x4B	24.78	3MMx4x4B	45.43
4mm	(.1575)	5/32	(.1562)	10.08	4MMx2x4B	27.23	4MMx4x4B	55.00
5mm	(.1969)	3/16	(.1875)	15	5MMx2x4B	30.65	5MMx4x4B	56.18
6mm	(.262)	1/4	(.250)	16	6MMx2x4B	42.29	6MMx4x4B	77.93
50" x 50" as used on Corby Starlet					25" x 50"	PRICE	50" x 50"	PRICE
1.2mm				3.40	1.2MMx2x4B	13.25	1.2MMx4x4B	28.50
2mm	(.0787)	3/32	(.0937)	5.74	2MMx25x50B	22.50	2MMx50x50B	36.72

BARGAINS

Box of spruce, vary in thickness from 13/16 to 1-1/8 approximately 5" wide random lengths between 8" to 18". Total footage 60".

DESCRIPTION	PART NO.	PRICE EACH
Spruce	BOX-SPRUCE	21.16

LAUAN MAHOGANY PLYWOOD

A cheap grade of Mahogany plywood available in 1/8" and 1/4" 4x8 pieces. Perfect for Cabinet backing, or any utility purpose. Does not meet aircraft specifications.

DESCRIPTION	PART NUMBER	PRICE
1/4" X 4' X 8'	1/4X4X8-LM	19.90
1/8" X 4' X 8'	1/8X4X8LM	17.82

CRATING FEE: 2' x 4' - 3.00, 4' x 4' - 8.00, 4' x 8' - 11.00 ROLLED PLYWOOD 7.00 Plywood requiring a crate 30.00