

# PLYWOOD

## DOMESTIC MIL-P-6070 AIRCRAFT PLYWOOD



American-made structural aircraft-grade plywood is made of imported African Mahogany or American Birch veneers laminated in a hot press to hardwood cores of Poplar or Bass wood with waterproof glue. Will meet all requirements of specification MIL-P-6070, which calls for shear testing after immersion in boiling water for 3 hours. Far superior to many plywoods in which all plies are 1/16" thick and laminated in a cold press to make up the total thickness. Tests should be made on cold-press plywoods before use in aerobatic aircraft.

Thickness			No. of Plies	90° Mahogany		90° Birch		
In.	Approx. MM.	Approx. Wt. 4' x 8' Sheet		Part No.**	4' x 8' Sheet	Approx. Wt. 4' x 8' Sheet	Part No.**	4' x 8' Sheet
1/16 (.070)	1.5	3	6 Lbs.	02-189--	---	7 Lbs.	02-243--	---
3/32 (.100)	2.5	3	10 Lbs.	02-191--	---	12 Lbs.	02-244--	---
1/8 (.125)	3.2	3	12 Lbs.	02-193--	---	15 Lbs.	02-245--	---
3/16 (.190)	4.8	3-5	20 Lbs.	02-195--	---	24 Lbs.	02-246--	---
1/4 (.250)	6.4	5	25 Lbs.	02-197--	---	30 Lbs.	02-247--	---
5/16 (.312)	7.9	5	Lbs.	02-198--	---	30 Lbs.	02-251--	---
3/8 (.375)	9.5	5	Lbs.	02-199--	---	30 Lbs.	02-266--	---
7/16 (.437)	11.1	7	Lbs.	02-120--	---	30 Lbs.	02-267--	---
1/2 (.500)	12.7	7	Lbs.	02-121--	---	30 Lbs.	02-260--	---
			45° Mahogany		45° Birch			
1/16 (.070)	1.5	3	6 Lbs.	02-188--	---	7 Lbs.	02-248--	---
3/32 (.100)	2.5	3	10 Lbs.	02-190--	---	12 Lbs.	02-249--	---
1/8 (.125)	3.2	3	12 Lbs.	02-192--	---	15 Lbs.	02-250--	---
1/4 (.250)	6.4	5	---	---	---	30 Lbs.	02-271--	---

\*Domestic plywood is sold only in 2'x4' (8 Sq.Ft.), 4'x4' (16 Sq.Ft.), 2'x8' (16 Sq.Ft.), and full 4' x 8' sheets. If ordering less than full sheet, compute cost based on price/sq.ft. shown in above table.

\*\* The part numbers of full 4' x 8' sheets end with "80". For less than full sheets, the last two digits will change according to the size ordered. Change the last two digits in the part number to "10" for 4' x 4', "20" for 2' x 8' and "30" for 2' x 4'. Example: 1/16" mahogany 90° is 02-18980 (4' x 8'), 02-18910 (4' x 4'), 02-18920 (2' x 8') and 02-18930 (2' x 4').



## FINNISH BIRCH AIRCRAFT PLYWOOD (METRIC)

**Note:** Full sheets are 4' x 4' and half sheets are 2' x 4', with the exception of 02-00236 which are furnished in 61" x 61" full sheets.

Quality Birch Aircraft grade plywood produced to AB/B grade on all thicknesses. Finnish birch plywood is furnished in 48" x 48" sheets, depending on current availability. Prices fluctuate with changes in sheet sizes. Full sheets require truck shipment unless cut in half for UPS. **Color may vary. Attention: 2' x 4' Plywood are cut with grain. If cross cut required, specify at time of order.**

Thickness		Plies	Half Sheet 2'x4'		Full Sheet 4'x4'	
Nom. Inch.	mm		Part No.	Price	Part No.	Price
1/64	0.4	3	02-20250	---	02-20200	---
1/32	0.8	3	02-20350	---	02-20300	---
3/64	1.0	3	02-50050	---	02-50000	---
1/16	1.5	3	02-20450	---	02-20400	---
3/32	2.5	5	02-20550	---	02-20500	---
1/8	3	6	02-20650	---	02-20600	---
5/32	4	8	02-00237	---	02-00236	---
3/16	5	10	02-20750	---	02-20700	---
1/4	6	12	02-20850	---	02-20800	---

Corby Starlet 2MM x 48" x 48".....P/N 02-28050  
1/4 Birch/Poplar 5ply, 45°.....P/N 02-27180



## OKOUME PLYWOOD

Okoume (o-KUE-me), also referred to as Gaboon, is an African hardwood widely used in Europe over the past century. Light pinkish brown in color, sometimes lustrous with variable interlocking grain, the rotary cut panel can be painted or finished bright. The natural durability of this species is extremely low and care must be taken to finish all surfaces, face and edges. Often recommended for use with epoxy saturation systems, the panel exhibits high strength to weight ratios. Face veneers are made from 1.3 mm thick A/B grade rotary cut veneer. Cores and crossbands are solid-joined and the panel glued with waterproof glue. Okoume panels are extensively used by race class boat builders, rowing shell builders and in various applications. Where its lighter weight, good bending properties and ease of finishing are a value, 5/32" thickness is used in the One Design Kit Aircraft and applicable to a wide variety of Homebuilt Aircraft, sold in 4'x8' sheets. Wt. of 5/32" sheet is 8.8 lb. Wt. of 1/4" sheet is 28 lbs. Thickness varies from 4mm to 6mm. Can be cut down for shipping. Certified bs1088

4mm thick x 4' x 8' sheet.....P/N 02-20100  
6mm thick x 4' x 8' sheet.....P/N 02-00076



## LITE PLY PLYWOOD

The beautiful, pliable answer to shaped and curved construction problems. Lite Ply® is distinguished by its even grain, virtually snow white appearance and unusual resilience. It is a true "white wood," poplar and finishes uniformly, whether stained or painted. Supplied for over 50 years, Lite Ply® has proven to be an excellent wood for industries where weight is a concern. Lite Ply® has been proven to be a cost effective alternative to other light weight panels.

4' X 8' Sheet 1/8" 3MM.....P/N 02-00115  
4' X 8' Sheet 1/4" 6MM.....P/N 02-00116



## ROYAL MARINE A-B FIR PLYWOOD

First quality marine plywood that meets or exceeds requirements of specifications PS 1-74. All are Douglas Fir.

Thick-ness	No. of Plies	Part No.*	Price			
			2'x2'	2'x4'	4'x4'	4'x8'
1/4"	3	02-210--	---	---	---	---
3/8"	4	02-211--	---	---	---	---
1/2"	5	02-212--	---	---	---	---
5/8"	7	02-213--	---	---	---	---
3/4"	7	02-214--	---	---	---	---
1"	7	02-215--	---	---	---	---

**\$4.00 packing charge for less than 3 sheets unless cut to 2'x4' pieces for UPS shipment.**

\*Please order by part number, note thickness & size for verification. The part numbers for full 4'x8' sheets end with "80". For less than full sheets, the last 2 digits of the part number. Will change according to size ordered. Change last 2 digits of the part no to "20" for 2'x2', "40" for 2'x4' & "60" for 4'x4'. Example: 1/4" 2'x4' is 02-21040.



## BASSWOOD MIL-P-6070 AIRCRAFT PLYWOOD

Basswood meets MIL-P-6070 but is lighter and has more flexibility than Mahogany & Birch plywood, but has slightly less structural strength.

Thickness	No. of Plies	Part No.*	Price			
			2'x2'	2'x4'	4'x4'	4'x8'
1/16"	3	02-253--	---	---	---	---
3/32"	3	02-254--	---	---	---	---
1/8"	3	02-255--	---	---	---	---
3/16"	3	02-256--	---	---	---	---
1/4"	5	02-257--	---	---	---	---
5/16"	5	02-258--	---	---	---	---
3/8"	5	02-261--	---	---	---	---
7/16"	7	02-262--	---	---	---	---
1/2"	7	02-263--	---	---	---	---
5/8"	9	02-265--	---	---	---	---
3/4"	9	02-264--	---	---	---	---

**Note:** All sheets 4'x8'. All plies are basswood. Grain is 90°. Part nos for full 4'x8' sheets end with "80". For less than full sheets, the last 2 digits will change according to the size ordered. Change the last 2 digits in the part no to "60" for 4'x4', "20" for 2'x2' and "40" for 2'x4'. See example in domestic plywood table.



## 5/16" 5 PLY BIRCH/ BASSWOOD PLYWOOD

2X2 .....P/N 02-27220  
2X4 .....P/N 02-27240  
4X4 .....P/N 02-27260  
4X8 .....P/N 02-27280  
4X8 90°.....P/N 02-25880

**ATTENTION - 90° 2' x 4' Plywood are cut with grain. If cross cut required, specify at time of order**