

PROPELLERS

POWERFIN COMPOSITE PROPELLERS



Powerfin is the only composite propeller manufacturer in the U.S. to offer a true Clark-Y airfoil which optimizes surface airfoil for thrust. Powerfin also allows for infinite pitch range with any increment. The pitch alignment tool supplied with every Powerfin takes the guesswork out of pitching your prop. Simply set the stop screw, clamp the tool to the hub, and turn the blade to the stop. The process takes less than 10 minutes for a 3 bladed prop. Powerfin features include superior aerodynamics, noise reducing tips, superior composite construction, very strong low profile hub, durable finish, 2 and 3 blade configurations, fits Rotax 75MM bolt pattern, adapters for every bolt pattern, 32" to 72" diameter, leading edge protection, speed set hub and a two year factory warranty against defects. Weight is 6.5 lbs. for 2 bladed Powerfin and 9.0 lbs. for 3 bladed Powerfin. Complete brochure available on request.



Model B

General use propeller although specifically designed to run significantly smaller diameters than most other props. The B-Model runs very well on a 582/2.58 as a three blade 60" for example, and can out produce our competition even when running much smaller diameters. Maximum possible diameter with this model is 65".



MODEL C

Designed specifically for powered parachutes as a three blade 64" on a Rotax 582/2.58, this design works well on Rotax 447's through Rotax 618 as well as the Hirth engines that fall between 40 and 80 horsepower. This is the propeller being sold as standard equipment on 6 of the top 7 ppc's. Maximum possible diameter with this model is 69".



MODEL E

This is our smallest propeller - designed for engines between 15 and 30 horsepower. These narrow blades allow for a maximum possible diameter of 53". Backpack ppc's are the target of this design although the blade has been proven very efficient on many older, fixed wing airplanes with diameter restrictions. This is the ONLY pitch adjustable prop available to backpack units.



Model F

This is our largest propeller - designed for larger two-stroke engines that use the higher gear reduction ratios and horsepower up to 115. This prop runs beautifully on a Rotax 503/3.47 as a three blade 66"-70". A two place Kolb can't squeeze any more efficiency out of a 503/3.47 than with our F-model 68" prop. This prop is also the finest prop available for the Rotax 912, 912S, and 914 engines. Maximum possible diameter with this model is 75".



2 Hubs



3 Hubs



4 Hubs



5 Hubs

To calculate the cost of a full propeller assembly, take the price for a single blade times the number of blades you need. Then add the cost of the hub you need.

The cost of each type of blade is the same regardless of the diameter.

For example: A three blade C-model propeller assembly will include three C-model blades (\$420) and a standard three blade Apex hub (\$195). The total is \$620. All hub assemblies* include mounting hardware, optional locknuts for Rotax engines, and a 1/4" dowel pin used for setting the pitch.

BLADES

Blade Model	Part No.	Single Blade Price
B-Model	05-06962	\$300.95
C-Model	05-06963	\$249.95
E-Model	05-06964	\$319.00
F-Model	05-06965	\$299.95

*All propeller and hub assemblies include mounting hardware for the Rotax A, B, C, or E box or the Hirth gearbox.

HUB ASSEMBLIES*

Hub Type	For Blade Models	Part No.	Price
Special Three Blade Apex	E	05-06973	\$289.95
Standard Two Blade Apex	B, C, & F	05-06966	\$299.00
Standard Three Blade Apex	B, C, & F	05-06967	\$337.00
Standard Four Blade Apex	B, C, & F	05-06968	\$345.00
Standard Five Blade Apex	B, C, & F	05-06969	\$346.00
Rotax 912 Three Blade Apex	B, C, & F	05-06970	\$355.00
Rotax 912 Four Blade Apex	B, C, & F	05-06971	\$369.00
Rotax 912 Five Blade Apex	B, C, & F	05-06972	\$498.00

Shipping a two or three blade propeller assembly is \$20.00. These prices are for all U.S. customers excluding Alaska and Hawaii. Most international orders will ship U.P.S. International - Expedited Service. If you wish a quote on an international order, please supply an address with a postal code so we can quote shipping prices.

AP

INFLATABLE DOOR SEAL KITS



The Economy Manual version is a door mounted pressure bulb which is manually pumped by the pilot. Deluxe Manual remote locates the pressure pump underneath the panel next to the pilot along with a panel mounted pressure switch. The Electric version incorporates an electrically operated pump which maintains pressure by flipping a panel mounted switch.

Bob Fields Aerocessories was established in 1975 providing inflatable door seals for over 45 years! Inflatable door seals are made of a highly engineered vulcanized silicone rubber compound that will last for decades. All of our products are FAA-PMA approved and made in the USA. Our door seals are simple to install and can eliminate costly door adjustments and

rigging labor costs due to their highly flexible and conforming values when inflated. It truly is an investment that can last a lifetime for your aircraft. Bob Fields Aerocessories inflatable door seals are the only door seal that adds value to your aircraft. This seal provides a real return on investment when the time comes to sell your aircraft.

Model No.	Description	Aircraft Model	Version	Part No.	Price
3920-3	Electric Inflatable Door Seal For Mooney M20A Through K	Mooney M20A THROUGH K	Electric	05-26404	\$1,750.00
3920-3-7	Deluxe Manual Inflatable Door Seal For Mooney M20A Through K	Mooney M20A THROUGH K	Deluxe Manual	05-26405	\$768.00
3920-3-8	Economy Manual Inflatable Door Seal For Mooney M20A Through K	Mooney M20A THROUGH K	Economy Manual	05-26406	\$630.00
8301-5	Electric Inflatable Door Seal For Bellanca	Bellanca	Electric	05-26407	\$1,750.00
8301-4D	Deluxe Manual Inflatable Door Seal For Bellanca	Bellanca	Deluxe Manual	05-26408	\$790.00
8301-D	Economy Manual Inflatable Door Seal For Bellanca	Bellanca	Economy Manual	05-26409	\$630.00
3920-2	Electric Inflatable Door Seal For Piper PA-28 -32 -34 Front	Piper PA-28 -32 -34 - Front Cabin Only	Electric	05-26410	\$1,750.00
3920-2-7	Deluxe Manual Inflatable Door Seal For Piper PA-28 -32 -34 Front	Piper PA-28 -32 -34 - Front Cabin Only	Deluxe Manual	05-26411	\$790.00
3920-2-8	Economy Manual Inflatable Door Seal For Piper PA-28 -32 -34 Front	Piper PA-28 -32 -34 -Front Cabin Only	Economy Manual	05-26412	\$730.00
3920-2R	Electric Inflatable Door Seal For Piper PA-32 & 34 Front & Rear	Piper PA-32 -34 - Front And Rear Doors	Electric	05-26413	\$2,310.00
3920-2-7R	Deluxe Manual Inflatable Door Seal For Piper Pa-32 & 34 Front & Rear	Piper PA-32 -34 - Front And Rear Doors	Deluxe Manual	05-26414	\$1,330.00
3970	Electric Inflatable Door Seal For Piper Pa-24 -30 -39	Piper PA-24 -30 -39	Electric	05-26415	\$1,900.00
3970-8	Deluxe Manual Inflatable Door Seal For Piper PA-24 -30 -39	Piper PA-24 -30 -39	Deluxe Manual	05-26416	\$885.00
3970-9	Economy Manual Inflatable Door Seal For Piper PA-24 -30 -39	Piper PA-24 -30 -39	Economy Manual	05-26417	\$645.00
3950-4	Electric Inflatable Door Seal For Beechcraft - Front Cabin Only	Beechcraft - Front Cabin Only	Electric	05-26418	\$2,275.00
3950-4-6	Deluxe Manual Inflatable Door Seal For Beechcraft - Front Cabin Only	Beechcraft - Front Cabin Only	Deluxe Manual	05-26419	\$860.00
3950-4-7	Economy Manual Inflatable Door Seal For Beechcraft - Front Cabin Only	Beechcraft - Front Cabin Only	Economy Manual	05-26420	\$700.00
3950-4R	Electric Inflatable Door Seal For Beech 36-58 - Front And Rear Doors	Beech 36-58 - Front And Rear Doors	Electric	05-26421	\$2,520.00