



ABI

ABI Composite Repair Kit Catalog

OEM-Approved

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AOG COMPOSITE REPAIR KITS

Each Composite Repair Kit Includes:

- Composite materials
- BMS-5-137 Film Adhesive
- BMS-8-139 style 120 Glass Pre-Preg
- Honeycomb materials (if required)
- BMS-5-90 Core Splice (if honeycomb core is required)
- Temperature recorder
- Vacuum sealed
- Dry ice packaging (if required)
- Optional 14" Process Consumables Kit*
- Heat Blankets (available upon request)**
- Documentation
 - MSDS
 - Technical Data Sheets
 - Certificates of Conformity

STANDARD KITS

CUSTOM KITS

ORDER	Submit P.O. to CSR@abicomposites.com	Custom size kits require a PDF template of repair and dimensions – pricing available upon request.
SHIPPING	All orders will be sent FedEx P1 or same day Counter-to-Counter to final destination.	Custom size kits available with AOG Same Day Shipping (require PDF template of repair & dimensions) – pricing available upon request.

Product Type				Part Number	Specification
1" REPAIR KITS					
1"	4-Ply	Circle	No Core	ABI1000-4C	BMS 8-297, -256, -168
1"	8-Ply	Circle	No Core	ABI1000-8C	BMS 8-297, -256, -168
1"	4-Ply	Circle	With Core	ABI1100-4C	BMS 8-297, -256, -168
1"	8-Ply	Circle	With Core	ABI1100-8C	BMS 8-297, -256, -168
1"	4-Ply	Oval	No Core	ABI1000-4O	BMS 8-297, -256, -168
1"	8-Ply	Oval	No Core	ABI1000-8O	BMS 8-297, -256, -168
1"	4-Ply	Oval	With Core	ABI1100-4O	BMS 8-297, -256, -168
1"	8-Ply	Oval	With Core	ABI1100-8O	BMS 8-297, -256, -168
2" REPAIR KITS					
2"	4-Ply	Circle	No Core	ABI2000-4C	BMS 8-297, -256, -168
2"	8-Ply	Circle	No Core	ABI2000-8C	BMS 8-297, -256, -168
2"	4-Ply	Circle	With Core	ABI2100-4C	BMS 8-297, -256, -168
2"	8-Ply	Circle	With Core	ABI2100-8C	BMS 8-297, -256, -168
2"	4-Ply	Oval	No Core	ABI2000-4O	BMS 8-297, -256, -168
2"	8-Ply	Oval	No Core	ABI2000-8O	BMS 8-297, -256, -168
2"	4-Ply	Oval	With Core	ABI2100-4O	BMS 8-297, -256, -168
2"	8-Ply	Oval	With Core	ABI2100-8O	BMS 8-297, -256, -168
3" REPAIR KITS					
3"	4-Ply	Circle	No Core	ABI3000-4C	BMS 8-297, -256, -168
3"	8-Ply	Circle	No Core	ABI3000-8C	BMS 8-297, -256, -168
3"	4-Ply	Circle	With Core	ABI3100-4C	BMS 8-297, -256, -168
3"	8-Ply	Circle	With Core	ABI3100-8C	BMS 8-297, -256, -168
3"	4-Ply	Oval	No Core	ABI3000-4O	BMS 8-297, -256, -168
3"	8-Ply	Oval	No Core	ABI3000-8O	BMS 8-297, -256, -168
3"	4-Ply	Oval	With Core	ABI3100-4O	BMS 8-297, -256, -168
3"	8-Ply	Oval	With Core	ABI3100-8O	BMS 8-297, -256, -168

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4" REPAIR KITS

4"	4-Ply	Circle	No Core	ABI4000-4C	BMS 8-297, -256, -168
4"	8-Ply	Circle	No Core	ABI4000-8C	BMS 8-297, -256, -168
4"	4-Ply	Circle	With Core	ABI4100-4C	BMS 8-297, -256, -168
4"	8-Ply	Circle	With Core	ABI4100-8C	BMS 8-297, -256, -168
4"	4-Ply	Oval	No Core	ABI4000-4O	BMS 8-297, -256, -168
4"	8-Ply	Oval	No Core	ABI4000-8O	BMS 8-297, -256, -168
4"	4-Ply	Oval	With Core	ABI4100-4O	BMS 8-297, -256, -168
4"	8-Ply	Oval	With Core	ABI4100-8O	BMS 8-297, -256, -168

5" REPAIR KITS

5"	4-Ply	Circle	No Core	ABI5000-4C	BMS 8-297, -256, -168
5"	8-Ply	Circle	No Core	ABI5000-8C	BMS 8-297, -256, -168
5"	4-Ply	Circle	With Core	ABI5100-4C	BMS 8-297, -256, -168
5"	8-Ply	Circle	With Core	ABI5100-8C	BMS 8-297, -256, -168
5"	4-Ply	Oval	No Core	ABI5000-4O	BMS 8-297, -256, -168
5"	8-Ply	Oval	No Core	ABI5000-8O	BMS 8-297, -256, -168
5"	4-Ply	Oval	With Core	ABI5100-4O	BMS 8-297, -256, -168
5"	8-Ply	Oval	With Core	ABI5100-8O	BMS 8-297, -256, -168

6" REPAIR KITS

6"	4-Ply	Circle	No Core	ABI6000-4C	BMS 8-297, -256, -168
6"	8-Ply	Circle	No Core	ABI6000-8C	BMS 8-297, -256, -168
6"	4-Ply	Circle	With Core	ABI6100-4C	BMS 8-297, -256, -168
6"	8-Ply	Circle	With Core	ABI6100-8C	BMS 8-297, -256, -168
6"	4-Ply	Oval	No Core	ABI6000-4O	BMS 8-297, -256, -168
6"	8-Ply	Oval	No Core	ABI6000-8O	BMS 8-297, -256, -168
6"	4-Ply	Oval	With Core	ABI6100-4O	BMS 8-297, -256, -168
6"	8-Ply	Oval	With Core	ABI6100-8O	BMS 8-297, -256, -168

7" REPAIR KITS

7"	4-Ply	Circle	No Core	ABI7000-4C	BMS 8-297, -256, -168
7"	8-Ply	Circle	No Core	ABI7000-8C	BMS 8-297, -256, -168
7"	4-Ply	Circle	With Core	ABI7100-4C	BMS 8-297, -256, -168
7"	8-Ply	Circle	With Core	ABI7100-8C	BMS 8-297, -256, -168
7"	4-Ply	Oval	No Core	ABI7000-4O	BMS 8-297, -256, -168
7"	8-Ply	Oval	No Core	ABI7000-8O	BMS 8-297, -256, -168
7"	4-Ply	Oval	With Core	ABI7100-4O	BMS 8-297, -256, -168
7"	8-Ply	Oval	With Core	ABI7100-8O	BMS 8-297, -256, -168

8" REPAIR KITS

8"	4-Ply	Circle	No Core	ABI8000-4C	BMS 8-297, -256, -168
8"	8-Ply	Circle	No Core	ABI8000-8C	BMS 8-297, -256, -168
8"	4-Ply	Circle	With Core	ABI8100-4C	BMS 8-297, -256, -168
8"	8-Ply	Circle	With Core	ABI8100-8C	BMS 8-297, -256, -168
8"	4-Ply	Oval	No Core	ABI8000-4O	BMS 8-297, -256, -168
8"	8-Ply	Oval	No Core	ABI8000-8O	BMS 8-297, -256, -168
8"	4-Ply	Oval	With Core	ABI8100-4O	BMS 8-297, -256, -168
8"	8-Ply	Oval	With Core	ABI8100-8O	BMS 8-297, -256, -168

CUSTOM SIZE REPAIR KITS

Pricing available upon request

OPTIONAL ITEMS

Process Consumables Kit* ABI0030-PC

Includes: Release Film, Breather, Nylon

Vacuum Bag, Sealant Tape

Heat Blankets**

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COMPOSITE PRE-PREG ROLLS

Standard roll size is 60" wide, custom sized rolls are available.

Each Composite Pre-Preg Roll Includes:

- Heat-sealed
- Dry ice packaging (if required)
- Documents
- MSDS
- Technical Data Sheets
- Certificates of Conformity
- Temperature History Certification

	STANDARD ROLLS	CUSTOM ROLLS
ORDER	Submit P.O. to CSR@abicomposites.com .	Custom size rolls are available upon request.
SHIPPING	Rolls are sent FedEx P1 or same day Counter-to-Counter to final destination.	AOG same day shipping.

Pre-Preg Product Type	Length	Part Number	Specification
NACELLE			
CYCOM 934/PWC T300 3K UT	03YDS	ABI-0103-R	BMS8-297TYIVCL2
CYCOM 934/PWC T300 3K UT	10YDS	ABI-0110-R	BMS8-297TYIVCL2
CYCOM 934/PWC T300 3K UT	20YDS	ABI-0120-R	BMS8-297TYIVCL2
CYCOM 934/PWC T300 3K UT	30YDS	ABI-0130-R	BMS8-297TYIVCL2
FLIGHT CONTROL, FAIRING, FLAP, SLAT, ETC.			
CYCOM 970/PWC T300 3K ST	03YDS	ABI-0203-R	BMS8-256TYIVCL2
CYCOM 970/PWC T300 3K ST	10YDS	ABI-0210-R	BMS8-256TYIVCL2
CYCOM 970/PWC T300 3K ST	20YDS	ABI-0220-R	BMS8-256TYIVCL2
CYCOM 970/PWC T300 3K ST	30YDS	ABI-0230-R	BMS8-256TYIVCL2
GEAR DOOR			
CYCOM 97714A/PWC T300 3K ST	10YDS	ABI-0310-R	BMS 8-168 TY II&III CL 2
CYCOM 97714A/PWC T300 3K ST	20YDS	ABI-0320-R	BMS 8-168 TY II&III CL 2
CYCOM 97714A/PWC T300 3K ST	30YDS	ABI-0330-R	BMS 8-168 TY II&III CL 2
CUSTOM SIZE			
<i>Pricing available upon request</i>			

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