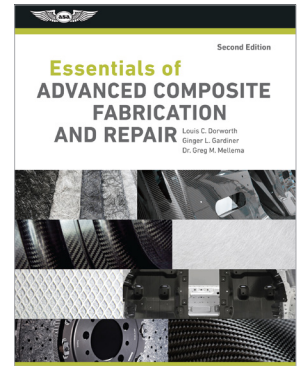


UPDATE

Essentials of Advanced Composite Fabrication and Repair

This document revises the second edition (ASA-COMPOSITE-2), published in 2019.



Page 73:

- In Table 3.6, the second column header is corrected to read Areal Weight:

TABLE 3.6 Common Grades of Carbon Fiber Unidirectional Tape

Grade	Areal Weight oz/yd ² (g/m ²)	Thickness Inches (mm)
95	2.8 (95)	0.0045 (0.11)
145	4.3 (145)	0.006 (0.15)
180	5.3 (180)	0.0075 (0.19)
190	5.6 (190)	0.008 (0.20)

Page 231:

- In the second paragraph, the last sentence is corrected to read:

As a rule, the vacuum leak rate should not exceed 0.5 inch Hg over 5 minutes.

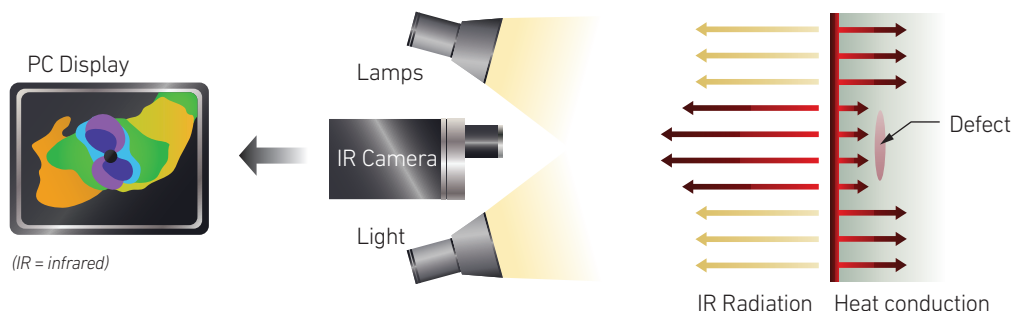
Page 247:

- In the first paragraph, the second sentence is corrected to read:

The company is also combining filament winding (FW) with automated fiber placement (AFP) and other processes, as a turnkey system supplier MIKROSAM which introduced its own hybrid AFP/FW work cell in 2017.

Page 298:

- Figure 10-22 is corrected as below:

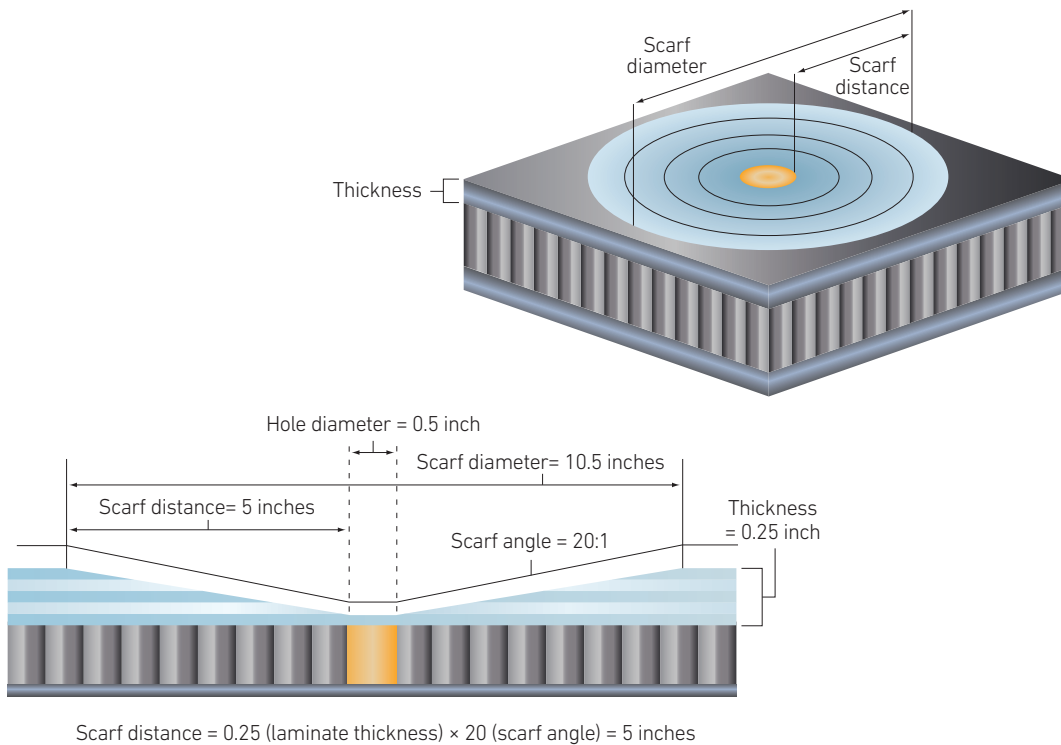


Page 357:

- In the first paragraph, the second sentence is corrected to read:

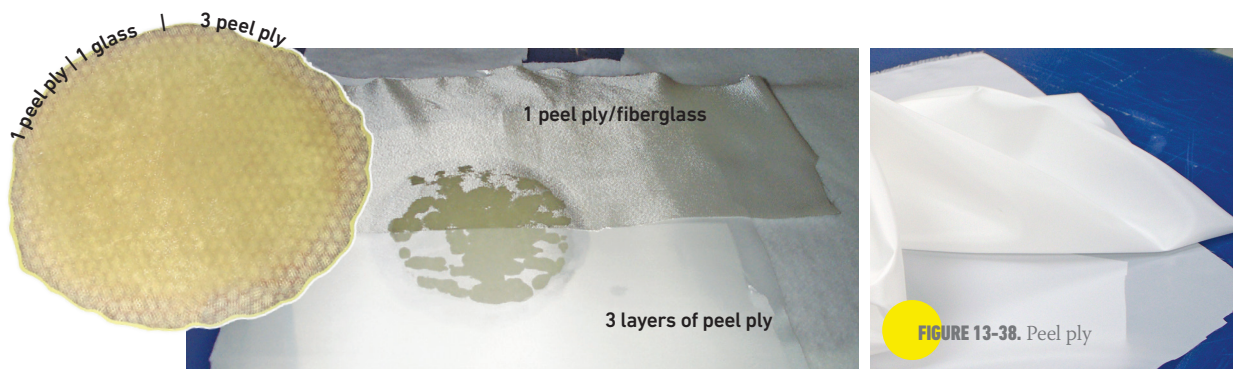
Scarf angle is defined as the scarf distance divided by the thickness of the laminate and is always given as a ratio to 1 (e.g. 12:1, 20:1, etc.) where “1” equals the laminate thickness.

- Figure 13-31 is corrected as below:



Page 361:

- Figure 13-38 is corrected as below:



Page 433:

- Index entry for 'release agent' is corrected to read:

Release agent 187