

Composite Strength Handbook

Changes, Updates, & Corrections to Second Edition after Initial Release:

Formatting Reprint (11/16/23)

- No content changes except changed margins to provide better readability in binding area. This added 10 blank pages throughout, resulting in 183 total pages.

Second Edition Additions versus First Edition:

The second edition provides minor corrections and additions to the first edition, and includes a number of additional practical topics for analysis, including the following:

- Section 6.5 on Evaluating Bolted Joints & Inserts in Sandwich Structures
- Section 7 on Interlaminar Stresses
- Section 8 on the stability of columns, flat panels, curved panels, cylinders, spheres, and crippling.
- Section 9 with an introduction to vibration.
- Section 10 on analysis of adhesives
- Section 11 with some ideas on testing.

Changes, Updates, & Corrections to First Edition after Initial Release:

Update 1 (02/05/23)

- Page 1-7, Corrected Sketch of Fig. 1.5.4
- Page C-1, Poisson's Ratio for Gr/Ep corrected to 0.28 rather than 0.34.
- Page C-1, Poisson's Ratio for Kevlar/Ep corrected to 0.34 rather than 0.28.
- Page C-1 & C-2, minor update to symbols identifying variables.
- Table footnotes on Page C-1 thru C-4, clarified footnote.

Update 2

- Pg. C-7 Table C.6.1: Units for modulus values - should be ksi not psi (3 places)
- Pg. C-7 Table C.6.2: Units for modulus values - should be ksi not psi (3 places)
- Pg. C-8 Table C.6.3: Units for modulus values - should be ksi not psi (3 places)
- Pg. C-8 Table C.6.4: Units for modulus values - should be ksi not psi (3 places)
- Pg. C-9 Table C.6.5: Units for modulus values - should be ksi not psi (3 places)
- Pg. C-9 Table C.6.6: Units for modulus values - should be ksi not psi (3 places)

Future Updates

- Visit my website: <https://toddcoburn.com/PPP/Pubs.htm>
- Click on Errata under Strength & Structures Texts, Composite Strength Handbook reference.
- Check your update against the list of corrections subsequent to that printing.