

WEIGHTS OF TISSUE COVERING MATERIAL

by Griebeling & Neff

An article published in the Nov/Dec 2005 Issue of Tailspin, the Journal of the Bay State Squadron's Pilgrim Flyers, Mike Nassise, Editor

The following information should be of value to all free flighters who seek to build the lightest models possible. The weighings were done on an analytical balance sensitive to 0.0001 gram. The tissue samples used were 5"x 5" in size. Conversions to grams/sq.ft. values were done mathematically.

<u>Type of Tissue</u>	<u>Source</u>	<u>Grams/Sq. Ft.</u>
Early Bird	Micro-X	1.166
Gampi	Micro-X	0.992
Esaki White	D. Reese	1.210
Esaki Blue	D. Reese	1.160
Esaki Green	G. Campbell	1.140
Esaki Orange	G. Campbell	1.140
Esaki Yellow	G. Campbell	1.170
Esaki Red	G. Campbell	1.250
Esaki Black	G. Campbell	1.240
Japanese Orange	Peck	1.270
Japanese Yellow	Micro-X	1.150
Japanese Green	Micro-X	1.240
Japanese Blue	Micro-X	1.110
Domestic White	Easy Built	1.690
Domestic Blue	Easy Built	1.680
Domestic Silver	Easy Built	1.820

Additional Weight Per Square Foot Values Following Application of Various Coloring Agents To Reese Esaki White:

Silver Krylon Spray	0.262
Silver Floral Spray	0.495
Krylon Clear (two light coats)	0.247
Blue Nu-Pastel Chalk (one side only)	0.135

Adapted from a piece in Crosswinds/Issue 109