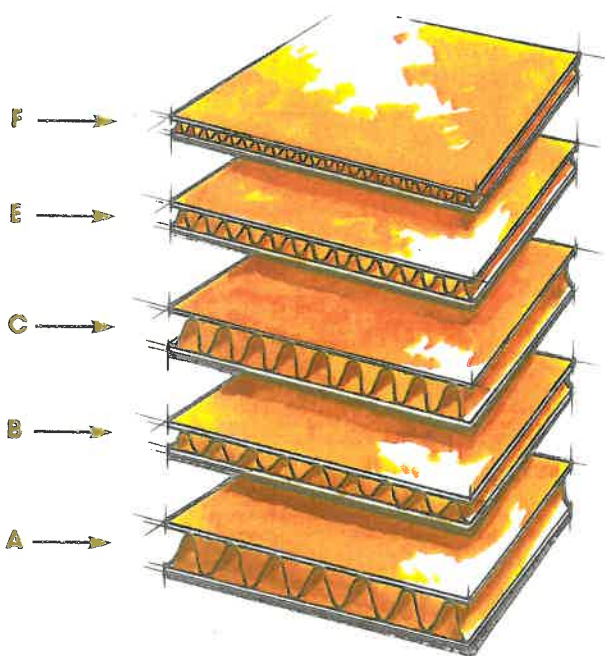


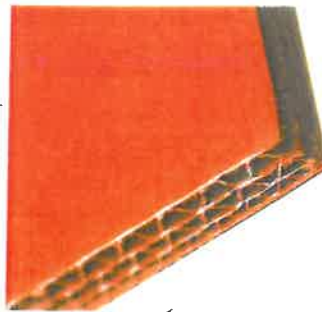
Flutes come in several common sizes or profiles:

- **A-flute** was the original flute profile for corrugated board. It has about 33 flutes per foot.
- **B-flute** was then developed for canned goods. It has about 47 flutes per foot.
- **C-flute** was next developed as an all-purpose flute and it has about 39 flutes per foot.
- **E-flute** was the next successful flute profile and it has about 90 flutes per foot.
- **F-flute** was developed for small folding carton-type boxes. It has about 125 flutes per foot.



In addition to these five most common profiles, new flute profiles—both larger and smaller than those listed here—have been created for more specialized boards. Generally, larger flute profiles deliver greater vertical compression strength and cushioning. Smaller flute profiles provide enhanced structural and graphics capabilities for primary (retail) packaging. There is also a good deal of variance in the range of flute sizes based upon the container characteristics that are desired for each application.

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In doublewall or triplewall, varied flute profiles provide advantages over flutes of the same size that are perfectly aligned.

Different flute profiles can be combined in one piece of combined board. For instance, in a triplewall board, one layer of medium might be A-flute while the other two layers may be C-flute. Mixing flute profiles in this way allows designers to manipulate the compression strength, cushioning strength and total thickness of the combined board.