

ABSTRACT:

This invention relates to a fold structure of a corrugated fiberboard, which comprises a corrugated fiberboard sheet (1) having folds (12) like the letter V, along which the corrugated fiberboard sheet (1) is folded in the shape of the letter V, such that the folds (12) extend perpendicularly to or at an angle other than a right angle to flutes (10). Each fold (12) like the letter V is composed of cut portions (12a), each of which has a predetermined length and penetrates the corrugated fiberboard sheet (1) and hinge portions (12b), each of which has a predetermined length and is formed by compressing the flutes (10), and the cut portions (12a) and the hinge portions (12b) are formed in an alternate arrangement in alignment with the fold. Auxiliary cut portions (12c), each of which has the planar shape of an approximately one-sided arrow directed in a convex shape toward the adjacent hinge portion (12b) and penetrates the corrugated fiberboard sheet (1), are formed on the reverse side at both ends of the each cut portion (12a). With the above constitution, the folds like the inverted letter V and the folds like the letter V are able to be formed on the corrugated fiberboard sheet through one process by the same die cutter, and the corrugated fiberboard sheet is able to be folded along the folds smoothly and accurately.