



Within the past two years a rather unusual development in packaging has taken place in the packing industry. Millions of pounds of shortening are now being sold in 4-lb. and 8-lb. cartons at a much lower packaging cost than that obtained in using 4-lb. and 8-lb. tin pails. The carton and parchment liner complete cost approximately 50% less than the tin pail, and when profits are represented by fractional cents per pound, this is an important item to take into consideration. Every large manufacturer of cottonseed shortening today has adopted these packages with excellent results.

To make this practical package possible a special sheet of board was developed, having the necessary carrying qualities together with grease-resisting characteristics. This is a two-ply material, stronger than a single ply sheet just as a veneered piece of wood is stronger than a single ply board. It is treated at the

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paper mill to give it unusual grease resisting properties, and in addition to this treatment at the mill the completed carton is given a grease resisting finish of a special kind which has eliminated the objectionable features of cold-water paraffin, and at the same time retarding the penetration of hydrogenated cottonseed oil shortening. One of the features of this new finish is that the carton does not present an objectionable greasy feel to the hand in warm weather, and also that the finish will not rub off onto the clothing of the person carrying the carton. The paperboard used in the cartons that are illustrated is .040 white lined jute. The white liner presents an excellent printing surface, and almost any design in any desired number of colors can be reproduced.

These cartons are manufactured in 2 styles: the Upright and the Peters style. Both are used in conjunction with a vegetable parchment which is specified as grease-proof. The parchment bag must be used with the upright style, whereas with the Peters style the regular setting-up operation can be performed with a parchment sheet. Inexpensive equipment has been designed for the setting-up of these cartons in the Peters style so that a seamless grease-proof carton and liner are obtained. The Crustene carton, which is illustrated, is of the Peters style, while the HumKo carton is of the upright style. The upright style carton is provided with a special locking arrangement on the bottom, permitting of very rapid setting up without the use of additional equipment in the plant.

This carry-out style of carton is proving very popular and it can be readily seen that it is a type of container that will be found of value in the packing of many other commodities.

Photographs courtesy Container Corporation of America.

