

BUREAU OF INDIAN STANDARDS**DRAFT AMENDMENT NO. 2
TO
IS 17753 : 2021****Paperbased Multilayer Laminated/Extruded Composite Cartons
(Aseptic and Non-Aseptic) for Processed Liquid Food
Products and Beverages — Specification**

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ICS 85.060; 85.080

Paper Based Packaging Materials Sectional
Committee, CHD 16Last date of comments: 29th February 2024

(Page 3, clause 5.2.4.2) Substitute the existing with the following and accordingly renumber the other tables:

The storage test shall be carried out at $38 \pm 1^\circ\text{C}$ and 90 ± 2 percent RH (accelerated conditions) and $27 \pm 1^\circ\text{C}$ and 65 ± 2 percent RH (standard conditions). The rancidity of the contents when determined as per the method given in IS 8639 shall be noted initially and as per the schedule given in Col 3 and Col 4 of Table 1.

Table 3 Test Period for Storage Test
(Clause 5.2.4.2)

Sl. NO.	Shelf Life(month)¹⁾	Accelerated Condition (Days)	Standard condition (Days)
(1)	(2)	(3)	(4)
i	3	30	90
ii	6	60	180
iii	9	90	270
iv	12	120	365

¹⁾ The period at 6.2.2 (c) from the date 'date of manufacture'.

During the test period the Paper based multilayer laminated /extruded composite cartons shall be observed for any delamination, leakage, deformation and seepage into the laminated

structure. The product shall be assessed for rancidity. The Paper based multilayer laminated /extruded composite cartons shall be accepted when

- (a) the liquid food does not show the rancidity at the end of days declared as shelf life and at the end of accelerated condition days, and
- (b) there is no delamination, no leakage, no deformation and no seepage into the Paper based multilayer laminated /extruded composite cartons at the end of days declared as shelf life and at the end of accelerated condition days.

(CHD 16)