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DRAFT AMENDMENT NO. 3**TO****IS 17790 : 2022 INSULATED FLASK FOR
DOMESTIC USE — SPECIFICATION**

ICS 55.100; 67.250

Utensils, Cutlery and Domestic Hardware
Sectional Committee, MED 33

Last date for comments is:
25 September 2025

[Page 8, clause 9.1 (see amendment No. 2 also)] — Add the following note at the end:

‘Non-peel able sticker can be used for marking all the above details except the brand name and ISI marking. The sticker shall comply with the requirements given in Annex G.’

[Page 8, Annex F (see amendment No. 2 also)] — Insert the following at the end:

‘ANNEX G**TRANSPARENT PP BASED STICKER TEST METHOD
WITH ACCEPTANCE CRITERIA (for reference minimum 28 micron)**

Sl No.	Test	Test Duration	Sticker Test Method	Tools	Specification	Acceptance Criteria
(1)	(2)	(3)	(4)	(5)	(6)	(7)
i)	Visual appearance	NA	Visual inspection under light	Inspection table/ white light	Free from scratches/dirt/ mis print	Visually sticker found ok
ii)	Material type	NA	Confirm by vendor	None		PP based coated
iii)	Dimensions (L × W)	NA	Measurement of sticker	Scale	Approved	As per drawing

iv)	Sticker thickness check	NA	3 different points	Micrometer	Given by vendor	As per drawing
v)	Manual peel test	30 s	Try peeling from edge using finger nail for 30 s	Finger nail	Sticker must tear or destruct not peel off cleanly	Nailed the sticker forcefully, sticker removed, but not destruct satisfactory
vi)	Blade lift test	Immediately	Insert a thin blade undergone corner and attempt to lift	Blade/cutter	Sticker must not lift and leaving residue	As per the method blade insert from edge , not lifting and tearing sticker found ok
vii)	Kerosine test (chemical /solvent resistant test)	30 s	Apply chemical/solvent and rub it and try to lift it .	Cotton	No bubbling, print remains intact	As per the testing while applied kerosine on sticker, sticker found ok
viii)	Oil test – grade H68 hydraulic oil (chemical/ solvent resistant test)	30 s	Apply chemical/solvent and rub it and try to lift it .	Cotton	No bubbling, print remains intact	As per the testing while applied oil on sticker, sticker found ok
ix)	Tape lift test (high adhesion tape 0.4 gauge)	5 min	Applied high standard adhesion tape 0.4 gauge on sticker & peel back 180 degree.	Manually	No pull lifting , bubbling	While applied tape on sticker & removal tape from sticker after 5 minute, it has been observed that sticker found ok
x)	Tape lift test(Paper Tape low adhesion)	Immediately	Applied paper tape low adhesion on sticker and peel back 180 degree.	manually	No pull lifting , bubbling	While applied tape on sticker and removal tape from sticker, no changes observed found ok
xi)	Water soak + peel test	30 min	Soak applied stoker in water for 30 min, attempt to peel	Water bath	No delamination, edge lifting	It has been observed that sticker found ok
xii)	Soil test	24 h	Applied mix soil (fine/dry partial soil) on	manually	Destruct when peel	It has been observed that sticker found ok

			sticker and keep under observation for 24 h			
xiii)	Detergent test	24 h	Applied soppy solution on sticker and keep under observation for 24 h	Detergent and cotton	No delamination, bubbling	Rub the sticker for 1 min only after 24 h found ok
xiv)	Hot water temperature test	24 h	Applied sticker on hot water bottle of 95 degree and keep under observation	Thermometer	No delamination, edge lifting	After 24 h no any defect observed on Sticker found ok
xv)	Cold water temperature test	24 h	Applied sticker on cold water bottle of 5 degree and keep under observation	Deep freezer	No delamination, bubbling	After 24 h no any defect observed on Sticker found ok
xvi)	Scotch brite test	20 s	Rub with scotch brite on sticker along with detergent for 20 s	Scotch brite	No delamination, bubbling	It has been observed that sticker found ok