

Legend	
●	= Required
✓	= Optional

ISTA 1A-H	Tests the structural integrity of the package but does not include environmental conditioning
ISTA 2A-F	Tests the structural integrity of the package as well as including environmental conditioning
ISTA 3A-H	Full lab test of the forces and conditions on a package to simulate package delivery in different transport environments, routes and methods
ISTA 4AB	Software application to create customizable enhanced simulation test plans
ISTA 5B	Tests the effectiveness of a temperature controlled (insulated) package to maintain temperatures in a desired range during transport
ISTA 6A-B	FedEx specific test procedures
ISTA 7A-D	Tests to compare the performance of two or more container designs during development
ASTM D774	Test to determine the bursting strength of paper (Mullen Test)
ASTM D903	Tests the peel or stripping strength of adhesive bonds
ASTM D3078	Test for determining leaks in flexible packaging
ASTM D3580	Standard test method for vertical linear vibration tests
ASTM D4169	Tests the ability of a shipping container to withstand a distribution environment
ASTM D4728	Standard test method for random vibration tests
ASTM F88	Tests the seal strength of flexible barrier materials
ASTM F1886	Test to determine the integrity of a seal for medical packaging by visual inspection
ASTM F1929	Test for detecting seal leaks in porous medical packaging
ASTM F1980	Accelerated aging test for sterile barrier systems (SBS) for medical packaging
ASTM F2057	Safety standards for the tipover of clothing storage units such as chests and drawers
ASTM F2096	Test for detecting gross leaks in medical packaging