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## Laboratory Package testing

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Test	Units	Definition	Influences
<b>Box Compression test (BCT)</b>	Kgf	Measures ability of package to with stand compression	Stackability, collapse, containability
<b>Cyclic Compression</b>		Measures ability of package to with stand compression over an extended period or environmental conditions during transportation	Stackability, collapse, containability
<b>Drop Testing</b>		Measure ability to with stand impact from height	Deformation, Containability, load shift, rupture
<b>Side Impact</b>		Measures ability of package to with stand shunting impacts during transportation	Deformation, Containability, load shift, rupture
<b>Static Compression</b>	Kgf	Measures ability of package to with stand compression over an extended period during Storage	Stackability, collapse, containability
<b>UN Hazardous Goods Tests</b>		Certified ability to contain product hazardous to the environment or health Consists of Drop testing Stack Testing	Stackability, collapse, containability
<b>Vibration testing</b>		Simulates the effect of vibration forces during transportation	Stackability, collapse, containability, load shift, materials to fatigue, print scuffing