


ORDNANCE FACTORY, TIRUCHIRAPPALLI.

Material: 1) LLDPE
 2) XLPE
 3) PU FORM - General Purpose.
 4) Natural Rubber for sealing purpose.

QUALITY TEST REPORT COMBINING AS PER JSS 0253-01, MIL - STD-810F, ASTM D4169 FOR PACKING BOX		
Sl.No.	TEST NAME	TEST SPECIFICATION
1	Water Spray Test K-JSS 0253-01	Water sprayed at a pressure of 2.5 Kg/cm ² for all the four top corners at an angle of 45° from a distance of 2.5m. Duration: 5 minutes
2	Vibration Test J-JSS 0253-01	The Case is subjected to the following: Vibration Frequency range: 5 to 50cyc/sec. Displacement: 0 to 12.7mm
3	Dry Heat Test C-JSS 0253-01	The Case is exposed to a temperature of 75°C ± 2°C with relative humidity of 40% for 48 hours
4	Low Temperature Test G-JSS 0253-01	The Case is exposed to a temperature of -20°C ± 5°C with relative humidity of 65% for 8 hours.
5	Bump Test	200 Bumps at 2 to 4 bumps/sec.
6	Drop Test MIL-STD-810F ASTM D4169	1 - 26 drops from a height of 30 - 137cms on any face, edge & corner side of the cases. Dropping height depending upon the payload.
7	Lifting Test F-JSS 0253-01	Load the container to three times the gross packaging weight maintaining C.G and allow the container to hang freely for a period of five minutes from the handle.
8	Static Load Test H-JSS 0253-01	The package base shall stand on hard surface base, the upper most surface subjected to a static load equivalent to that by stacking on it. The minimum number of similar packages required to reach height of between 5.5m to 5.8m. The load shall be applied for 24 hours.


 14/07/13.