

TECHNOLOGY FACTSHEET

COMPOSITE CANS WITH PAPER BOTTOMS¹

1. **Sector/ Sub Sector:** Packaging
2. **Introduction:**
3. **Technology Name:** **Composite cans with paper bottoms**
4. **Technology Characteristics:** Significantly more environmentally friendly than steel cans, these composite cans require 34% fewer energy inputs and 27% less raw material by weight to produce and result in **20% fewer greenhouse gas (GHG) emissions**. The paperboard used to manufacture these round composite cans is 100% recycled content. The rigid paperboard packages, which contain an average of 55% recycled content and 50% post-consumer content and the low-barrier version of the can is completely recyclable in the mixed paper stream and the paperboard used is 100% recycled material.
5. **Country Specific Applicability:** Applicable in Sri Lanka
6. **Status of the technology in the country and its future market potential:** -
7. **Barriers:** -
8. **Benefits:** Reduce environment risk, solid waste generation, provide alternative raw material, energy efficiency
9. **Operations:** -
10. **Costs:** -
11. **Reference:** Asia Pacific Centre for Technology Transfer, SkyQuest Technology Consulting (Pvt) Ltd.

¹ This fact sheet has been extracted from TNA Report – Mitigation for Sri Lanka. You can access the complete report from the TNA project website <http://tech-action.org/>