

IS 18161-2023 Textiles — Light Weight Jute Sacking Bags for Packing 50 kg Mustard Seed, Niger Seed and Ragi — Specification

The **IS 18161 : 2023 standard** specifies requirements of lightweight jute sacking bags for packaging 50 kg of agricultural products - mustard seed, niger seed, and ragi. 50 kg jute bag was developed to align with International Labour Organization (ILO) guidelines which prevent excessive weight handling by workers or consumers.

The standard specifies that jute bags shall be crafted from single-piece, twill-weave jute fabric, chosen for its durability. The bags are designed to maintain their integrity under rigorous handling and environmental conditions, ensuring their safe and secure transport.

According to IS 18161:2023, the bags shall have specific dimensions, adequate stitching, moisture control, and strength levels. They are required to be sewn with herakle stitching for enhanced seam strength. Additionally, the standard includes limits for moisture regain and other constructional requirements to maintain product quality.

For manufacturers opting for ECO-Mark certification, the bags shall meet environmental standards specified in the standard, such as use of recyclable or biodegradable material for packaging, prohibition of specific toxic chemicals and so on. The standard also ensures that production processes comply with government orders such as prohibition on use of pesticides and compliance with various pollution control norms, such as those outlined in the Water and Air Acts.

The standard not only enhances consumer trust by guaranteeing product reliability and durability, but it also supports eco-friendly practices in line with India's sustainable development goals.