

IS 16186 : 2014 ‘Textiles — Light weight jute sacking bags for packing 50 kg foodgrains — Specification’

Lightweight jute sacking bags are eco-friendly packaging bags made from jute fibers and offer a balance between durability and ease of handling, making them versatile and popular for packaging foodgrains.

The types of bags specified in this standard have been developed after extensive trials keeping in view the guidelines provided by the International Labour Organization (ILO) for not permitting manual carriage of weight exceeding 50 kg by the workers and consumers for their safety.

This standard prescribes constructional details and other requirements of two types (A and B) of light weight jute sacking bags based on their weave patterns for packing 50 kg foodgrains. This standard specifies the constructional requirements such as dimensions, ends per decimetre, picks per dm and corrected mass/bag, etc. along with the performance requirements like breaking strength, seam strength, moisture regain and oil content along with their test methods for light weight jute sacking bags. This standard also prescribed the packing, marking and sampling criteria for conformity of light weight jute sacking bags.

Acknowledging the significance of Light weight jute sacking bags for packing 50 kg foodgrains, the Government of India has issued a Quality Control Order that mandates BIS certification for these sacking bags in accordance with IS 16186, effective June 2022.