



## IS 1784:2020 Screwed Closures for Drums

Metallic drums are widely used to store and transport liquids, powders, and chemicals. To prevent spillage and ensure safety, drum closures must meet exacting standards. **IS 1784:2020** specifies the technical requirements for **screwed closures**, focusing on material strength, design accuracy, and leak-proof performance.

The standard mandates the use of **corrosion-resistant metals**, such as steel, to withstand mechanical stress, chemical exposure, and environmental conditions. Threading dimensions are standardized to ensure compatibility with drum neck designs, while gaskets are required to provide a secure seal. **Key tests include torque resistance, leak-proof performance, and impact resistance** to validate closure durability during transportation.

Marking and labeling provisions ensure traceability and compliance with industrial quality norms. Although the Government of India has not issued a **Quality Control Order (QCO)** mandating certification for IS 1784:2020, manufacturers voluntarily adhering to this standard produce closures that ensure safety and reliability for end users.

In summary, **IS 1784:2020 ensures uniformity and safety in the storage and transport of goods**, especially hazardous materials. By following this standard, manufacturers contribute to safer industrial operations while minimizing risks during logistics.

