

Steel Drums

**SEFA - Representing the steel drum
industry in Europe**



Worldwide Transport



**Ideal for international
transport, same standard used
world wide: ISO 15750**



Steel Drums

**“Most widely used and
extremely safe packaging for
the transport of dangerous
goods (TDG)”**



- World standard packaging: ISO 15750 part 1-2-3
- Most important and safest packaging for TDG: close to 50 million tons of goods transported each year
- Highest performance with consistent raw material and products
- No time limitation for TDG in steel drums according the UN recommendations
- Not affected by high/low temperature, humidity and pressure variation.
- Not subject to UV deterioration or permeation of the filling goods
- Storage space savings due to exceptional stack stability
- Perfectly fit into ISO transport containers: 4 in a row; 80 drums in a 20 feet container
- Highest quality branding and decoration

Environmentally Friendly Packaging



Steel made of 100% recycled material use 75 % less energy than from virgin material ...

Used steel drum is not waste!

❖ Easy to reuse

Highly developed network of re-conditioners. www.serred.org

❖ Infinite recycling loop , no “down-cycling”. www.apeal.org

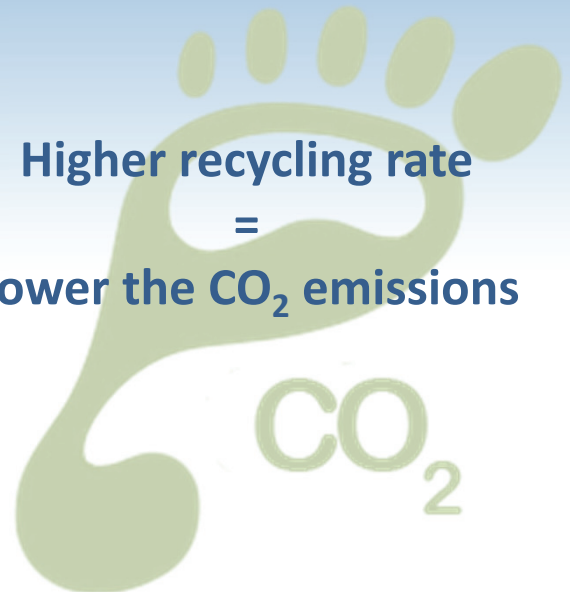
Highest recycling rate of any packaging material in Europe

Infinite recycling without loss of its essential properties

Steel is a proven resource for a sustainable future

Carbon foot print

Higher recycling rate
=
Lower the CO₂ emissions

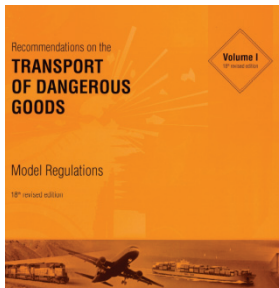


Steel Performances



Transport of dangerous Goods

Thanks to its raw material properties and SEFA member's good manufacturing practices, steel drums easily meet and exceed UN Orange Book performances requirement.



1A1/X1.2/250/09/IT/ZEN111



Steel Drums

1. Perfect for Hot filling
2. No issue at very low temperatures
3. Not subject to UV deterioration
4. Ideal protection for UV/Light sensitive filling goods
5. Virtually no permeation of filling goods
6. Secure solution for use in explosive zone (EX-Zone 0-1-2) with proper earthing
7. Exceptional Stacking strength: Saving space for storage and transport

High Fire Resistance



Approved NFPA 30: National Fire Protection Association, USA, in May 2000: Four high storage authorized with flammable product



Visit ICDM website (www.icdm.org) for issues/paper

Ideally fits in ISO transport containers



ISO OH/TH
80 drums in a 20 feet container

Steel Drums

No legal time limit
for dangerous goods,
under UN recommendations



High quality



- ❖ All SEFA members are committed to high quality in accordance with ISO 9000 certification
- ❖ Consistent high quality steel material according to ISO 3574/ISO 16162
- ❖ All drums subject to in-line leak-proof testing
- ❖ High quality internal coating in accordance with customer requirements
- ❖ Consistent external colours through RAL standardisation
- ❖ High quality branding and decoration of steel drums

SEFA has been developing high quality standards for steel drums.

**To see all technical recommendations visit
the SEFA website**

www.sefa.be

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About SEFA

History

- ❖ **Founded in 1953**

Products

- ❖ **Steel Drums 18L/250L**

Members

- ❖ **Producers of Steel Drums**
- ❖ **National Associations representing steel drum manufacturers**
- ❖ **Steel & Machine Suppliers**
- ❖ **Associate Members**

Key data

- ❖ **Around 40 million drums**
- ❖ **Close to 1 million tons of steel**
- ❖ **Represent more than 90% of large drum producers in Western Europe**

SEFA is member of

- ❖ **International Confederation of Drum Manufacturers (ICDM)**
- ❖ **European Industrial Packaging Association (EIPA)**
- ❖ **Industry Dangerous Goods Alliance (INDA)**

