

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 to 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

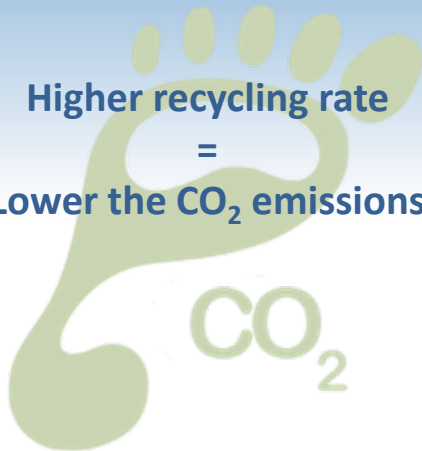
Highest recycling rate of any packaging material in Europe

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

- ❖ **National Associations**
- ❖ **Producers of Steel Drums**
- ❖ **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**

