

Unit Load Securement

SFV – StahlFassVerzurrung – Steel Drum Securing System

SFV 1

- area of application – steel drums
- one-way product for a single 55 gal drum
- quick application
- available as reusable product as well
- suitable for Euro pallets / CP3 pallets



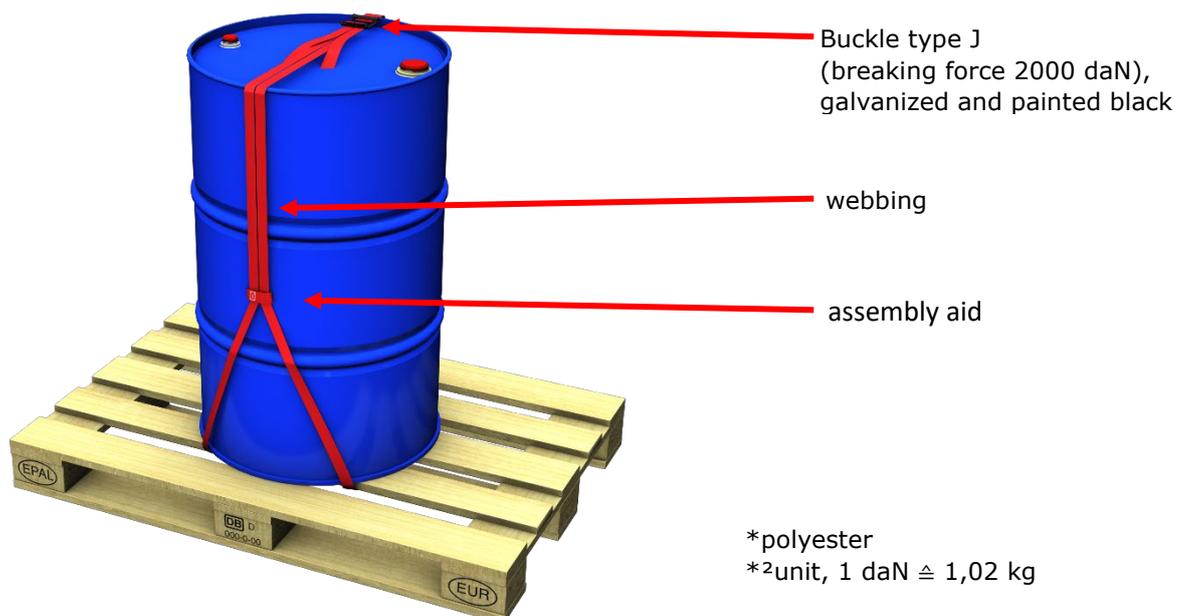
Video Tutorial,
YouTube

Information:

The webbing (22 mm width) is made of PES* and dyed red (food coloring, harmless according to REACH). A breaking strength of more than 3,000 daN*² and an elongation of less than 2% are certified.

The SFV 1 system is used to form a solid unit load. It was tested by the Fraunhofer Institute for its strength in practical use under the following aspects:

- dynamic strain due to truck and rail travel
- the strain on the unit load caused by stacking (vibrations, shocks, etc.)
- horizontal impact tests
- behavior of the unit load during tipping and sliding tests



SFV 2

- area of application – steel drums
- one-way product for two 55 gal drums
- quick application
- available as reusable product as well
- suitable for Euro pallets / CP3 pallets

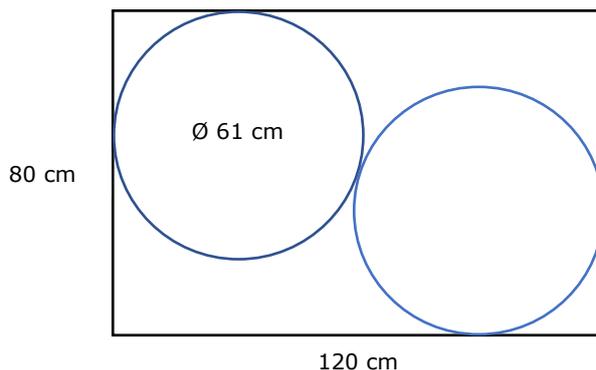


Video Tutorial,
YouTube

Information:

The webbing (45 mm width) is made of PES and dyed red (food coloring, harmless according to REACH). A breaking strength of more than 3,000 daN and an elongation of less than 2% are certified.

With drum securing type SFV 2, two drums are positioned offset on a pallet at its edges.



One webbing with one buckle is applied per drum. As with the SFV 1 steel drum securing, the webbings are passed vertically from the drum lid along the sides of the drum under the pallet deck boards. On the drum lid, the webbing is connected by means of a buckle and lashed down with a manual tensioning tool. Due to the lashing angle of $\alpha = 90^\circ$, the applied webbing tension on both sides contributes to the increase in frictional force. The drums are held in position. A form fit is created between the drum, webbing and pallet at two deflection points per drum base. Horizontal binding across both drums via loops additionally reduces the tilting moment. This provides a force-fit and form-fit connection between both drums and pallet. The two drums are thereby adequately secured.