

## Operating Instructions DRUMCLIP DC18A RED

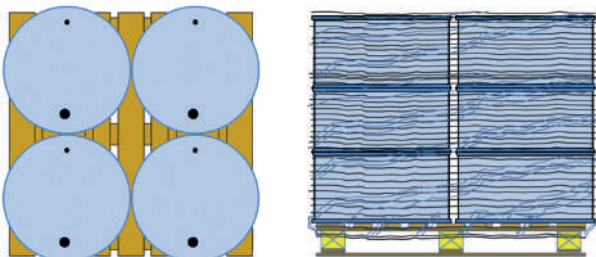
The DRUMCLIP DC18A RED is an innovative tool that makes it **safer** and **easier** to secure 200-litre tight head drums to a pallet and/or trailer, without the use of additional pallets or other equipment. The DC18A has been tested with a 0.8g brake delay in combination with wrapping film. This solution is DIN EN 12195-1 certified. This combination can be used for transport and pallet stabilisation of UN 200 litre tight head drums on pallets.

### Important information

- Check the Drumclip before use. A damaged Drumclip may not be used again.
- Check the production date on the upperside of the Drumclip. The Drumclip must not be used for longer than 2 years after the production date.
- The Drumclip can be cleaned with water and soap.
- If the Drumclip has been in contact with chemicals, it may no longer be used.
- The Drumclip may only be used on trucks of 3,500 kg or more.
- Drumclips must be kept in dry, moderately heated conditions and protected from sunlight and mechanical damage.
- The Drumclip may not be dried or stored near fire or in places with elevated temperatures.
- The Drumclip has been tested according to DIN EN12195-1, load securing by TUV Rheinland.
- The Drumclip is designed for use in sliding sail trailers (tautliners).

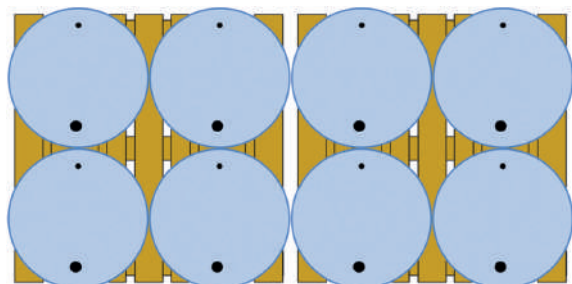
### Step 1

Place four drums on a wooden pallet. Wrap the drums by use of a pallet wrapper, while also wrapping the pallet. Provide at least 8 wraps of film around the drums and the pallet. Use film that is at least 28mu thick and 500mm wide. Do this with each pallet with drums to be transported.



### Step 2

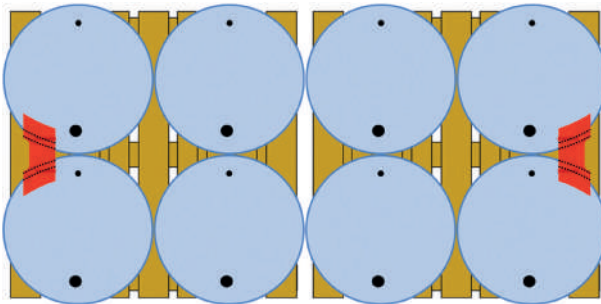
Place the pallets of drums (using a forklift truck) on the trailer in double rows.  
Place the pallets on anti-slip mats that have a minimum friction resistance of 0.6u.



Double row

### Step 3

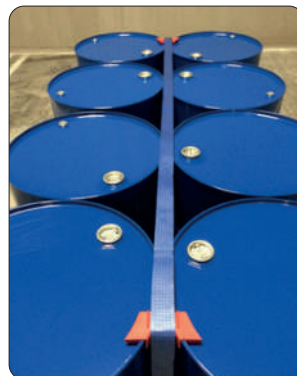
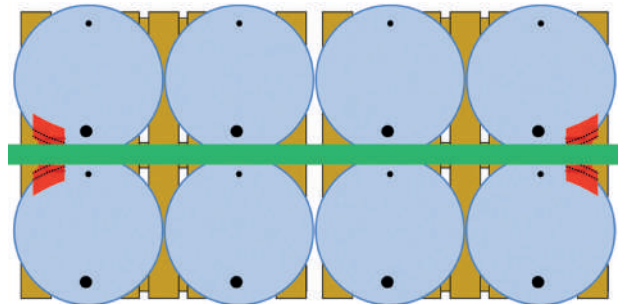
On each side of the trailer, place a Drumclip over the flanged edges of two drums that are on the same pallet. Make sure that the flanges of the drums fall well into the flange channels of the Drumclip and that the wide side of the Drumclips face outwards.



### Step 4

Use a tension strap with a minimum StF value of 350 DaN for a double row of drums. In this way, drums can be secured as shown in the illustration. Consult the guidelines for the lashing strap here.

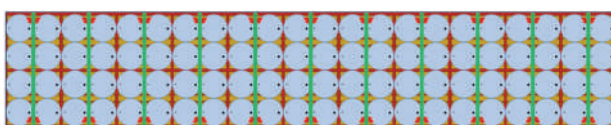
Place the strap over the drums and the Drumclips, so that the strap is between the strap guides of the Drumclip. Make sure that the strap is not twisted.



### Step 5

Then attach the strap hooks to the anchor point on the vehicle. Use an ergo ratchet and a lashing strap (50mm LC=2,500 daN) to secure the pallets with drums to the vehicle. Lead the strap into the ergo ratchet and hand-tension with a force of SHF daN (50 kilograms). The strap should be at a 90-degree angle to the direction of travel and attached to the vehicle in line with the Drumclips. Perform steps 3, 4 and 5 for each row of pallets and drums.

A fully loaded trailer looks like this:



Double row

