



# Inspection of hoses, fittings, and gaskets

We, as a bulk carrier, are at high risk of product contamination because we as well as our hoses, couplings and gaskets often come into direct contact with the load. To minimise the risk of contamination, we differentiate between hoses, couplings, and gaskets for different product groups: food, non-food, chemical and ADR.



## Inspection hoses

Before using the hoses, always subject them to a visual check. When doing so, pay attention to the following:

- Are all hoses present?
  - Dry Bulk chassis:
    - 1x unloading hose food (red) 5"
    - 1x unloading hose food (red) 3"
    - 1x unloading hose non-food (bleu) 5"
    - 1x unloading hose non-food (bleu) 3"
    - 1x transport air hose 2"
    - 1x air blower hose 2"
    - 1x compressor hose 2"
    - 1x compressor hose met 3" Storz-connection

- Dry Bulk trailer:
  - 1x unloading hose 5"
  - 1x unloading hose 3"
  - 1x compressor hose 3"
- Liquid pump chassis:
  - 2x 5 meter unloading hose with 3" Elaflex-connection
  - 1x 3 meter unloading hose with 3" Elaflex- connection.
- Liquid trailer:
  - Unloading hoses are only available for dedicated work. This is customer dependent.
- Are the hoses suitable for loading/unloading the product?
- Are the exteriors of the hoses clean, dry, undamaged?
- Are the couplings properly fitted to the hose?
- Are the blind caps present and in place?
- Is there no product residue left in the hose?
- Are the hoses dry?
- Are there any damages on the inside of the hose?
- Are the couplings clean and in good condition?
- Are the gaskets clean, dry, undamaged?

## Inspection couplings

Various couplings are used in bulk. *For an overview of coupling sets, see the lists later on in this manual.*

- Within the coupling sets provided, "all" connections can be made using the reducing couplings.
- therefore, ensure that set of couplings remain complete and are stored properly in the provided coupling box.
- Only store clean couplings in the coupling box. A dirty coupling will contaminate all clean couplings and fittings in your set.
- Note that the coupling box itself should also be cleaned time and time again.
- The driver is responsible for the cleanliness and technical condition of the couplings and gaskets.
- Soiled or damaged couplings and gaskets can lead to contamination, leaks, and rejection by the customer.
- The cleaning process is the ideal opportunity to inspect the couplings and gaskets and replace them if necessary.

## Inspection of gaskets

Gaskets are used:

- in manhole covers.
- in unloading bottoms of dry bulk trailers and containers.
- in couplings.

Various gaskets are available for different applications:

- food.
- non-food.
- (corrosive) chemicals.

Check gaskets for cleanliness and damage before use. Always have plenty of spare gaskets with you so you can replace gaskets if necessary. Notify your planner if you need gaskets.

