

Equipment Trucks for Dangerous Goods Incidents

In the event of accidents fire brigades or other emergency response vehicles are called to provide equipment to seal leaks and collect or transfer dangerous media, flammable liquids, gases or other chemicals into safe containers.

Commonly used coupling systems can differ from country to country, hence there is no international standard to cover required equipment.

In Germany, the equipment of trucks for dangerous goods incidents is regulated by DIN 14555-12 which has recently been amended. The prescribed equipment for the vehicles has been adopted to consider state of the art hoses and couplings that are currently available on the market.

'**TW**' couplings to **EN 14420-6** are the heart of the system. These are widely used in the chemical and petroleum based industries in Germany and Europe and can be easily combined with adapters to allow connections to other coupling systems.

Universal hoses to EN 12115 : 2011 with UPE or fluoropolymer lining shall be used. **They must fulfill the electrical conductivity class OHM/T** and remain in use for both suction and pressure operation.

The new [Information 2.17 E](#) from Elaflex shows the required equipment including hose assemblies and adapters.



Elaflex PTFE hose assembly to DIN 14555-12



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