



Safety starts with Stell

Labelling solutions according to ISO 20560



stell

The labelling of pipes and tanks



The labelling of pipes and tanks has been mandatory by law in the European Union since 1992 and is established practice for safe working in many other industrialized countries. In 2020, the first international standard – ISO 20560 – was finally published for uniform implementation.

Building on this standard, as one of the leading companies in the labelling industry, we have set ourselves the task of applying ISO 20560 in practice.

OUR ADVANTAGES

We have come up with a system that allows you to implement your labelling uniformly and easily with three major advantages:

- 1 Standardized layouts with harmonization of the viewing distance for symbols and texts
- 2 Three sizes for most applications
- 3 High-quality materials for indoor and outdoor use

PIPE MARKING ACCORDING TO ISO 20560

Application	Colour
Hazardous substances	RAL1003
Gases in either gaseous or liquefied condition	RAL7001
Liquids and fixed materials (powder, granulates)	RAL9004
Acids	RAL2003
Alkalis (leaches)	RAL4001
Firefighting medium	RAL3001
Water	RAL6018
Air	RAL5015



Pipe marking



The uniform marking of pipes significantly increases recognizability and therefore safety in your plant or factory. The most important safety information is passed on to employees and contractors with 360° visibility from all sides and brings order to the maze of piping systems.

We offer three sizes for the marking of pipes in accordance with ISO 20560

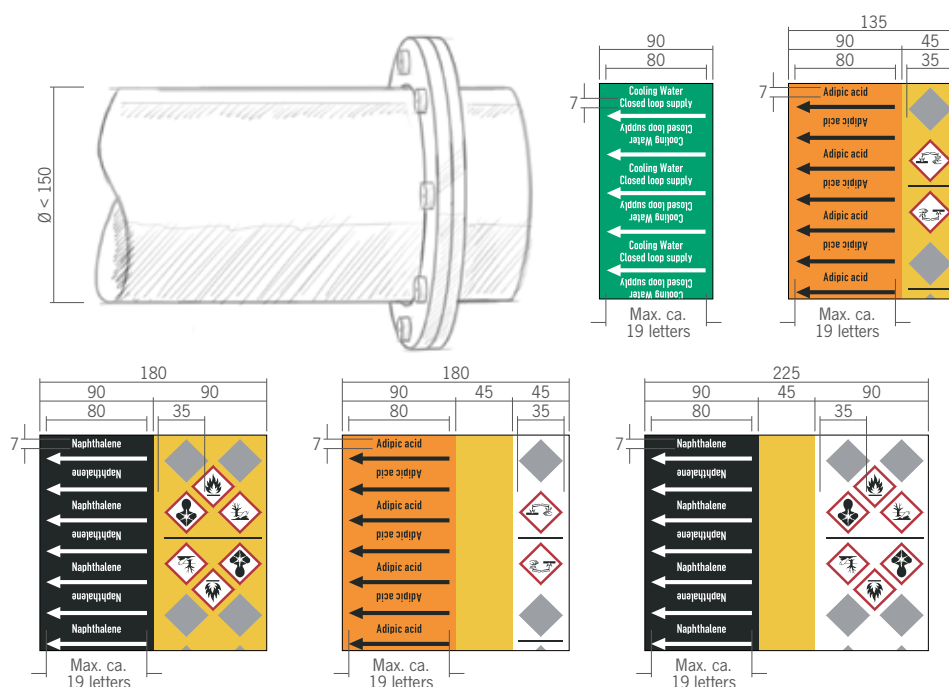
- SIZE S** for pipes with an outer diameter < 150 mm with a maximum viewing distance of 2,1 meters
- SIZE M** for pipes with an outer diameter between 150 mm and 500 mm with a maximum viewing distance of 3,0 meters
- SIZE L** for pipes with an outer diameter > 500 mm with a maximum viewing distance of 4,5 meters

You can choose to use the colour safety yellow as a base for the relevant GHS Symbols or keep it clear with GHS Symbols on a white background.

Our pipe marking material is:

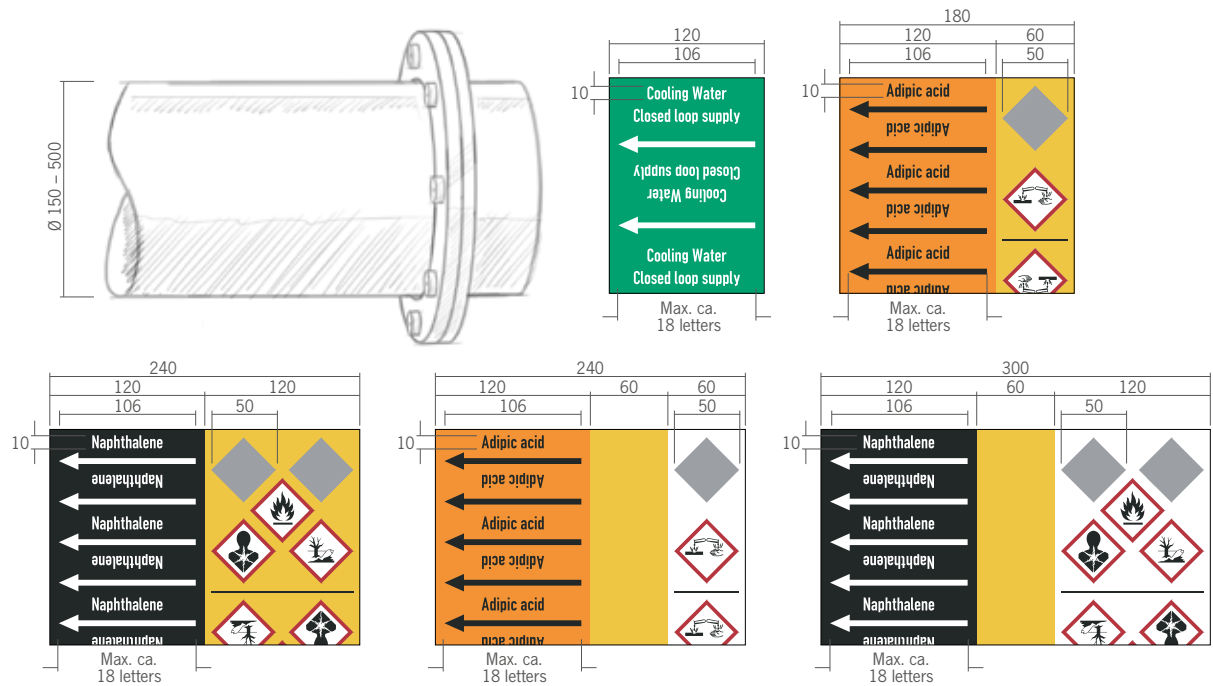
- flame retardant, self-extinguishing
- highly adhesive
- resistant to most acids, alkalis and solvents
- temperature resistant from -30°C up to 90°C
- UV and weather resistant

SIZE S (for an outer diameter < 150 mm)

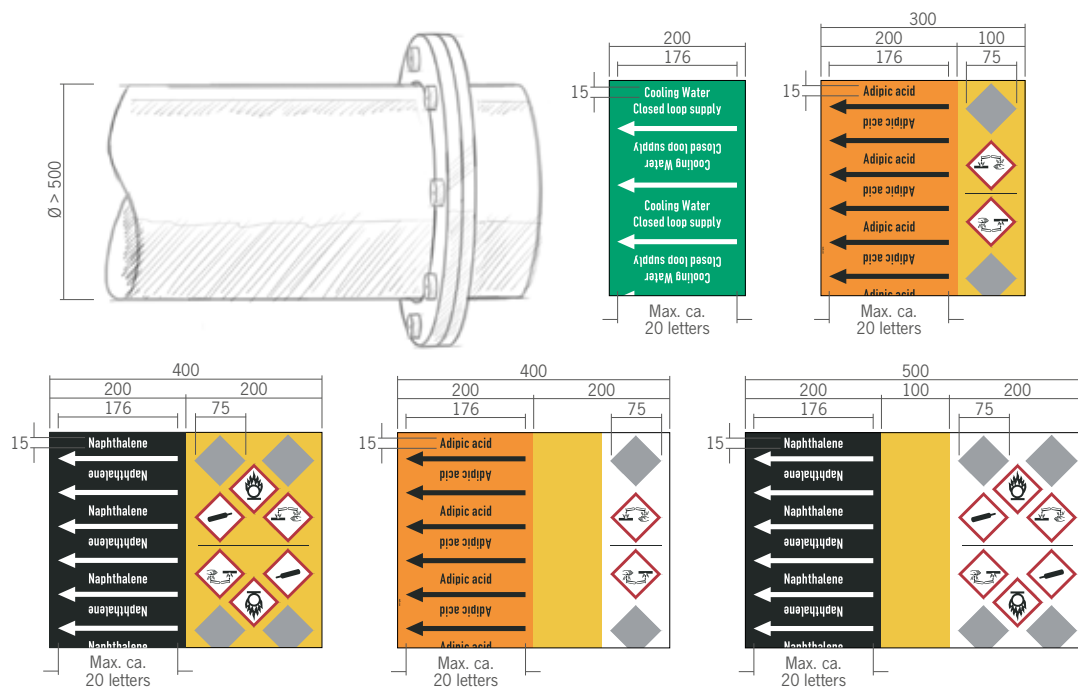




SIZE M (for an outer diameter between 150 mm and 500 mm)



SIZE L (for an outer diameter > 500 mm)



Tank marking



The uniform marking of large tanks transports important safety information over long distances and raises awareness for the right action in risk situations. The uniform marking of tanks supports all sorts of processes and communicates hazards clearly and unambiguously. We distinguish between smaller tank marking with shorter viewing distance and the marking of larger outdoor storage tanks.

LARGE OUTDOOR STORAGE TANKS

We offer three sizes for the marking of large storage tanks in accordance with ISO 20560

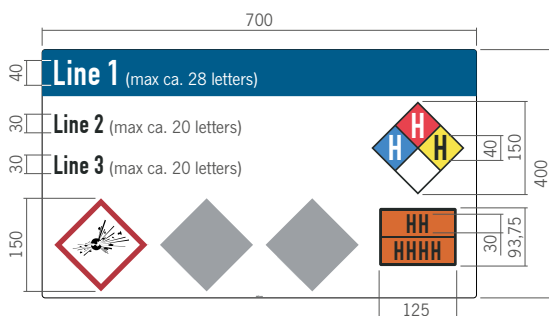
- SIZE S** first line with a maximum viewing distance of 12 meters, 9 meters for all other symbols and texts
- SIZE M** with a maximum viewing distance of 24 meters, 18 meters for all other symbols and texts
- SIZE L** with a maximum viewing distance of 30 meters, 22,5 meters for all other symbols and texts

You can choose which information you want to add to the core requirements. It is common practice, for example, to add the NFPA diamond to the marking. The Kemmler code on the sign can also be useful for the transportation of substances. Our layout has already taken these elements into account. We recommend to use a smaller tank sign as an additional marking on the ground floor or at spots relevant to employees and contractors.

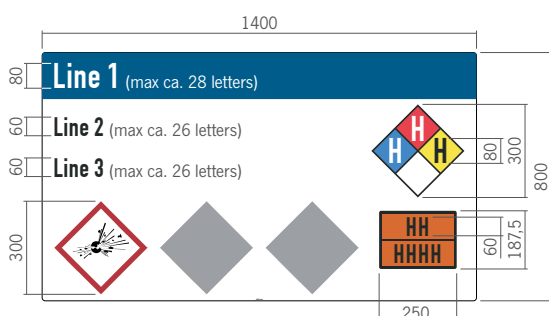
Our material for marking of larger tanks is white coated aluminium. Our coated aluminium is:

- flame retardant, self-extinguishing
- flexible for better installation
- temperature resistant from -20°C up to 90°C
- UV and weather resistant

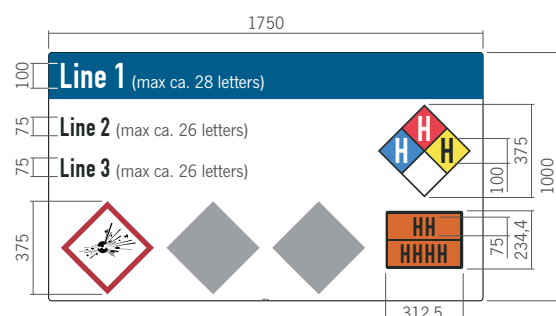
SIZE S (for outside storage tanks)



SIZE M (for outside storage tanks)



SIZE L (for outside storage tanks)



SMALLER TANKS (IN THE PRODUCTION PROCESS)

We offer three sizes for the marking of smaller tanks in accordance with ISO 20560

- Size S** first line with a maximum viewing distance of 4 meters, 3 meters for all other symbols and texts
- Size M** with a maximum viewing distance of 6 meters, 4,5 meters for all other symbols and texts
- Size L** with a maximum viewing distance of 9 meters, 6,75 meters for all other symbols and texts

You can choose the material according to your environment. For the smaller sizes we recommend rigid PVC or white coated aluminium

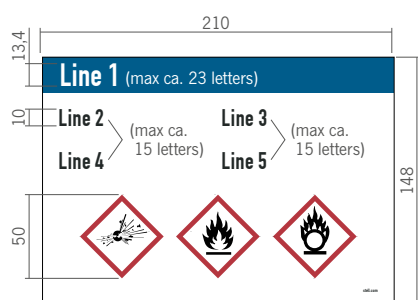
Our PVC is:

- flame retardant, self-extinguishing
- flexible for better installation
- temperature resistant from -20°C up to 65°C
- UV and weather resistant

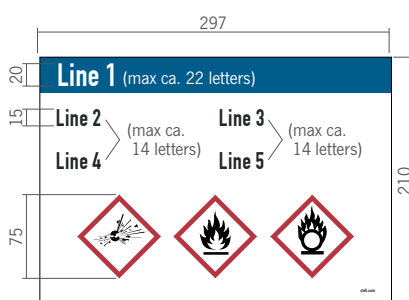
Our coated aluminium is:

- flame retardant, self-extinguishing
- flexible for better installation
- temperature resistant from -20°C up to 90°C
- UV and weather resistant

SIZE S (for inside tanks)



SIZE M (for inside tanks)



SIZE L (for inside tanks)

