

Water curtain pipe DN65 - 20 m



20m DN65 water curtain hose: perfect for safety

The **DSP65 20m water curtain hose** is designed to provide high-performance, versatile protection during **fire-fighting** emergencies. Fitted with special nozzles (25 nozzles every 80 cm) and held to the ground by **V-shaped supports**, it distributes pressurized water over a wide area, creating an effective barrier against the risks associated with hazardous gases and vapors. Ideal for cooling trucks or tank wagons, it also helps contain the effects of gaseous states in the event of an incident.

Thanks to its intelligent design, this **water curtain hose** is easy to use and requires minimal manpower, while adapting naturally to the curves of the terrain, guaranteeing uniform coverage. By connecting several lengths, it is possible to create a complete perimeter around the area to be protected. Depending on hydraulic pressure and nozzle position, the hose can generate a sheet of water covering up to 300 m², with a diffusion height of 8 to 10 meters.

In terms of performance, its flow rate is adjustable according to the pressure applied:

- 4 bar: 1050 l/min
- 6 bar: 1130 l/min
- 8 bar : 1230 l/min
- 10 bar : 1300 l/min

Thanks to the pressurized water, the **water curtain hose** remains stabilized on its central axis, avoiding any risk of rolling on itself. With **standard DSP65 aluminum fittings**, it integrates easily into existing equipment. This hose combines efficiency, flexibility and safety, making it an indispensable tool for protection and containment operations in critical situations.

Advantages of DN65 - 20m water curtain hose

- **Effective protection against hazards:** it distributes pressurized water to cool trucks or tank wagons, creating a barrier against dangerous gases and vapors and limiting their spread.
- **Extensive coverage:** this **water curtain hose** generates a water surface area of around 300 m², with a

diffusion height of 8 to 10 meters, for extensive, homogeneous protection.

- **Adaptability to the terrain:** thanks to **its V-shaped supports**, it follows the curves of the terrain and remains stable, even on uneven surfaces.
- **Simplicity of use:** easy to deploy and operate, it requires a minimum of personnel, which is crucial during emergency **fire-fighting** operations, for example.
- **Modularity:** by connecting several lengths, it is possible to create a complete perimeter around the disaster zone, ensuring total coverage.
- **Enhanced stability:** the hydraulic system prevents the **water curtain hose** from rolling over, guaranteeing reliable, continuous operation.
- **Adjustable flow rate:** with a capacity of up to 1300 l/min at 10 bar, it can meet the specific needs of any situation.
- **Compatibility:** equipped with **aluminum DSP65 fittings**, it integrates easily into existing systems, offering great flexibility.
- **Durability:** designed for intensive use in demanding conditions, it ensures long service life and consistent performance.

DN65 - 20m water curtain hose applications

- **Fire-fighting:** ideal for creating water barriers to cool down sensitive structures, such as tankers or railcars containing flammable materials, thus limiting the risk of flames spreading for **fire-fighters**.
- **Chemical and petrochemical industry:** **water curtain hose** is used to contain toxic or flammable vapors and cool critical equipment during an industrial incident.
- **Transport of dangerous goods:** particularly useful for responding to accidents involving vehicles transporting hazardous substances, reducing the risk of explosion or leakage.
- **Environmental risk management:** **water curtain hose** is used to prevent the dispersion of noxious gases in the air, or to limit the impact on surrounding areas during disasters.
- **Infrastructure safety:** protects sensitive buildings or equipment against thermal or chemical hazards, for example in power plants or factories.
- **Airports:** for interventions on air tankers or fuel storage areas, where the risk of fire is high.
- **Mines and quarries:** this **water curtain hose** is used for dust management and protection against risks associated with explosive or chemical substances on mining sites.