

RPE Tunnel

Tunnel Protection System



For more safety in tunnels

Easy-to-use technology for difficult situations combined with high extinguishing efficiency: the tunnel protection system RPE Tunnel deprives the fire of oxygen quickly and cools its source. Great throw ranges allow the operator a safe distance to the fire. Thanks to its compact design, this system can be mounted in niches with a depth of just 60 cm (24 in). Over 300 installations throughout Europe speak for this economic, low maintenance extinguishing system.

Benefits

Immediate actuation

- Vehicle fires are easy to control in the first few minutes with the right fire extinguishing solution
- An efficient tool for first responders and rescuers
- Deployable on site and without delay

Efficient firefighting system

- Safe distance to the origin of the fire
- Maximum extinguishing performance thanks to CAFS
- Ultra-light, stable fabric hose
- Sufficient extinguishing agent volume

Easy and safe operation

- Flip the lever
- Remove the pistol-grip nozzle
- Unreel the fabric hose
- Actuate the pistol-grip nozzle

Specifically designed for tunnel operators:

- Easy to retrofit at any location
- Compact design

RPE Tunnel Tunnel Protection System

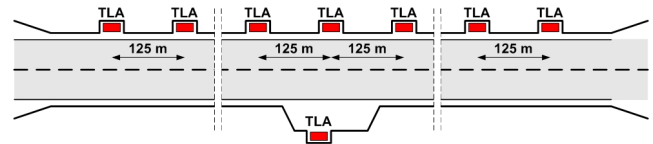


Scope of Delivery

- Wall mount bracket
- Reel assembly with frame and deflecting device
- Ultra-light, stable fabric hose
- Extinguishing agent canister
- Pistol-grip nozzle with holder
- Connection to stationary water supply
- Custom design for mounting on central wall
- Sensor: system open/closed

Example

Extinguishing system in fire extinguishing niches.



Extinguishing system in emergency turnout bays.

Technical Data

	RPE Tunnel 60/19	RPE Tunnel 60/25
Extinguishing agent	foam Fluorine free foaming agent	
Activation	manual	
Input pressure	8—16 bar 115-230 psi	
Proportioning	Mechanical direct injection foam proportioner	
Proportioning rate	3 %	
Hose length	60 m 197 ft	60 m 197 ft
Hose weight (filled)	29 kg 64 lbs	45 kg 99 lbs
Hose diameter (inside)	19 mm 0.75 in	25 mm 0.98 in
Throw range	up to 22 m up to 72 ft	up to 25 m up to 82 ft
Output	50—60 l/min 13—16 gpm	70—110 l/min 18—29 gpm
Art. No.	PP001-SMF1	PP001-SMF2

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