



# TST SMART HOSE



- **Create a 300 m<sup>2</sup> wall of water, with one hose – 12-15 m high!**
- **Prevent fires from spreading!**
- **Make firebreaks in forest fires!**
- **Shield off and absorb water-soluble gases!**
- **Keep large objects cool!**
- **Flexible – can be used everywhere!**
- **Large extinguishing capacity – with a minimum of personnel!**
- **World patent!**



UNIQUE PROTECTION EQUIPMENT



# TST SMART HOSE



## EFFECTIVE IMPACT FOR:

- Preventing fires from spreading.
- Fighting forest fires – making firebreaks.
- Fighting landfill and store fires.
- Keeping fire sensitive objects cool.
- Preventative fire protection during refilling work involving hazardous materials, and during repair work.
- Decontamination and disinfection applications, both for objects and vehicles.
- Jetting vapours and liquids.
- Mixing extinguishing and wetting agents.

## MATERIAL TRANSFER

- Absorption of hazardous heavy gases.
- Neutralizing dangerous releases by mixing chemicals into watermist. (E.g. you release Chlorine gas by adding  $\text{Na}_2\text{S}_2\text{O}_3$  to the water.)

## CLEAR ADVANTAGES IN USE

- Quick and easy to install – stable position.
- Can be used with tactical flexibility where needed – for example around bends and on terrain.
- Versatile to suit the task in hand – water jetted vertically/horizontally.
- Large extinguishing capacity – with a minimum of personnel.
- Lightening the firefighters' workload.

## THE AREA OF APPLICATION

Versatile application variants for every terrain – overcoming steps, creating circles and bends. Excellent locking during the creation of sections.

## HOW THE SMART HOSE WORKS

Once the water is fed and the water pressure has been built up, the hose is automatically stabilized by the nozzles which are positioned to the side of the hose's centre line. The counterpressure point, which prevents the hose "turning away", is generated at the opposite side of the hose. Depending on the angle of the nozzles and the water pressure applied, a water wall of approx. 300 m<sup>2</sup> can be generated – jetting height 12-15 m. The nozzles can easily and quickly be replaced. Sections can be sealed off using dummy plugs. The water capacity is approx. 200-1550 l/min. depending on the pressure and nozzles used.

## DESIGN AND TECHNICAL DATA:

- B-75 Duraflex F. (Ø approx. 75 mm.)
- Length 20 m.
- Operating pressure 15 bar.
- Explosion limit 50 bar.
- 25 high-grade steel nozzles.
- 3 easily exchangeable types of nozzles (depending on the requirements).
- Weight approx. 16 kg.
- Available size: Ø approx. 75 mm. Upon request: Ø approx. 110 mm.
- Comes with or without Storz couplings.



## WATER CONSUMPTION

Litres/minute, hose Ø 75 mm

NOZZLE	4 BAR	6 BAR	8 BAR	10 BAR
<b>5-holes</b>	760	900	1050	1320
<b>2-holes</b>	830	1100	1240	1510
<b>1x3 mm</b>	210	250	300	330
<b>1x6 mm</b>	990	1140	1320	1550

**WORLD PATENT**

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