

# SMART HOSE



SAVING LIVES

# 300 M<sup>2</sup> BARRIER OF WATER WHEN & WHERE YOU NEED IT

TST Smart Hose is a world patented mobile sprinkler system for combating fire and limiting heavy condensed gases. One 20 meters hose creates a 300 m<sup>2</sup>/2.500 ft<sup>2</sup> barrier of water, up to 15 m/50 ft high, and you can connect

several hoses if needed. The Smart Hose is excellent for shielding off fires or gas clouds where you can't or don't want to have humans present and to ease the firefighters workload.

## FIRES

The Smart Hose is effective for preventing fires from spreading, fighting landfill and store fires e.g. make firebreaks in forest fires and where buildings are close together. The Smart Hose is also used for keeping fire sensitive objects cool, like buildings, gas tanks and containers.



## GAS EMISSIONS

TST Smart Hose is effective for shielding off and absorbing condensed gases. You can neutralize dangerous releases by mixing chemicals into watermist.

## CLEAR ADVANTAGES IN USE

- Large extinguishing capacity, with a minimum of personnel
- Quick and easy to install, stable position
- Can be used everywhere, even in difficult terrain
- Can be used with tactical flexibility where needed, e.g. around bends and in terrain
- Several hoses can be connected
- Versatile to suit the task in hand, water can be jetted vertically/horizontally

## DIFFERENT NOZZLES FOR DIFFERENT NEEDS

The nozzles that spread the water can easily be exchanged. There are several different designs to choose from to accommodate different needs and availability of water. The Smarthose comes with one set of nozzles and without couplings. The base hose is a B-75 Duraflex hose, diameter 75 mm/3 in. On request there are 110 mm/4.3 in hoses. Alternative placing of nozzles is possible. Sections can be sealed off using dummy plugs.



3- and 6 mm nozzles are best suited for shielding off, cooling off and fighting fires.



2- and 5-holes nozzles are best suited for shielding off condensing gases and for cooling heat sensitive objects.

## WATER CONSUMPTION

Litres/minute hose Ø 75 mm

WATER CONSUMPTION L (MAX WORKING PRESS. 15 BAR)

| NOZZLE  | 4 BAR | 6 BAR | 8 BAR | 10 BAR |
|---------|-------|-------|-------|--------|
| 1x3 mm  | 210   | 250   | 300   | 330    |
| 1x6 mm  | 1050  | 1130  | 1230  | 1300   |
| 2-holes | 940   | 960   | 980   | 1110   |
| 5-holes | 970   | 1000  | 1020  | 1150   |

WATER CONSUMPTION GAL (MAX WORKING PRESS. 220 PSI)

| NOZZLE   | 58 PSI | 87 PSI | 116 PSI | 145 PSI |
|----------|--------|--------|---------|---------|
| 1x.12 in | 55     | 66     | 79      | 87      |
| 1x.24 in | 277    | 300    | 325     | 343     |
| 2-holes  | 248    | 254    | 259     | 293     |
| 5-holes  | 256    | 264    | 269     | 304     |

## DESIGN AND TECHNICAL DATA

- B-75 Duraflex F. (Ø approx. 75 mm)
- Length 20 m
- Operating pressure up to 15 bar
- Explosion limit 50 bar
- 25 high-grade steel nozzles
- 4 easily exchangeable types of nozzles
- Weight approx. 16 kg
- Available size: Ø approx. 75 mm. Upon request: Ø approx. 110 mm
- Comes with Storz couplings.
- Shelf life is 25 years if kept in original box and temp below 35°C/95°F

# SMARTHOSE

## SMARTHOSE 20 M/65 FT, Ø 75 MM/3 IN, COMPLETE WITH NOZZLES

|                                            | ART. NO.   |
|--------------------------------------------|------------|
| WITH 3 MM/.12 IN NOZZLES                   | 7590P17930 |
| WITH 6 MM/.24 IN NOZZLES                   | 7590P17960 |
| WITH 2-HOLES NOZZLES                       | 7590P17902 |
| WITH 5-HOLES NOZZLES                       | 7590P17905 |
| WITH 3 MM, 6 MM,<br>2- AND 5-HOLES NOZZLES | 7590P27905 |



## NOZZLE-SET

Complete set with 25 nozzles in one of the dimensions  
3 mm/.12 in, 6 mm/.24 in, 2-holes or 5-holes.

| PRODUCT             | ART. NO.     |
|---------------------|--------------|
| 3 MM/.12 IN NOZZLES | 7590090 7930 |
| 6 MM/.24 IN NOZZLES | 7590090 7960 |
| 2-HOLES NOZZLES     | 7590090 7902 |
| 5-HOLES NOZZLES     | 7590090 7905 |

## ADAPTERS

SmartHose comes with Storz couplings mounted as standard  
to ensure a swiveling function. It can be equipped with an  
adapter that goes to 3" BSP thread which makes it possible  
to adapt to most types of couplings.

| PRODUCT                  | ART. NO.     |
|--------------------------|--------------|
| STORZ - TO 3" BSP THREAD | 7591290 7018 |



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