



**FRSA**  
Fire Rescue Safety Australia



# PRODUCT DATA SHEET

## OSW MONOFLEX S / S HD HOSE

### CONSTRUCTION

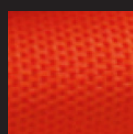
Inside: High-quality, very light synthetic rubber on the basis of EPDM (reinforced performance).  
Outside: Jacket made of 100% high tenacity synthetic polyester yarn with specially woven monofilament threads in the weft, circular-woven twill weave, warp and weft threads multiple twisted (standard colours: orange and blue).

### FEATURES

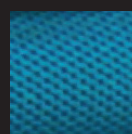
- light weight to relieve fire fighting forces, therefore can also be handled by one person (savings of approx. 30 kg compared to the delivery hose type S25 in 50-m-length)
- very good kink radius for high flexibility
- monofilament threads in the weft ensure dimensional stability and high pressure resistance
- low friction/pressure loss due to smooth EPDM rubberlining
- high-quality EPDM-rubberlining is extremely resistant to aging, ozone and UV radiation
- root resistant, low maintenance
- cold resistance: up to  $-40\text{ }^{\circ}\text{C}$
- heat resistance: up to  $+100\text{ }^{\circ}\text{C}$  (for water)
- also suitable for sea water, hot water, water steam and many other chemicals

### SERVICE

- will be delivered with kink protection (vehicle side) and hand protection (nozzle side) for a better handling
- individual printing possible (e.g. company logo)
- hose can be connected with national and international couplings
- binding: stainless steel wire, press sleeves etc.
- optional impact and abrasion cuffs over the binding



orange



blue

## TECHNICAL DETAILS

### OSW MONOFLEX S

| Diameter |    | Bursting pressure<br>(in fact) | Bursting<br>pressure (DIN) | Working pressure<br>(DIN) | Bending Radius | Volume Flow<br>Rate | Wall Thickness | Weight      |
|----------|----|--------------------------------|----------------------------|---------------------------|----------------|---------------------|----------------|-------------|
| Inch     | mm | bar                            | bar                        | bar                       | mm             | L/min (8 bar)       | mm             | g/m (+/-5%) |
| 1        | 25 | 95                             | 45                         | 15                        | 140            | 200                 | ca. 2,8        | 265         |

### OSW MONOFLEX S HD

| Diameter |    | Bursting pressure<br>(in fact) | Bursting<br>pressure (DIN) | Working pressure<br>(DIN) | Bending Radius | Volume Flow<br>Rate | Wall Thickness | Weight      |
|----------|----|--------------------------------|----------------------------|---------------------------|----------------|---------------------|----------------|-------------|
| Inch     | mm | bar                            | bar                        | bar                       | mm             | L/min (8 bar)       | mm             | g/m (+/-5%) |
| 1        | 25 | 160                            | 100                        | 40                        | 140            | 200                 | ca. 2,8        | 265         |

Regarding the data for bursting pressure and working pressure, refer only to the pure hose without couplings. Technical specifications are subject to change without prior notice.

