
Data Sheet: Pressurisation hose



Swivel hose with bleed valve for pressurisation of suits

Description

Breathing hose with a swivel elbow at the fan unit end and a swivel connection at the mask end for use with SE400AT or SE400AT-2 positive pressure demand respirator and SE-shield protective suit in order to pressurise the suit.

Features

- Swivel elbow connection at the fan unit end and swivel connection at the mask end for freer movement and greater flexibility of the ensemble
- Breathing hose to be fitted in place of the standard SE400AT breathing hose (H2) when wearing an SE-Shield protective suit
- Provides a slight flow of air (30-50 l/min) which generates a positive pressure inside the suit
- Inward leakage in suit when fitted with pressurisation unit is typically 0.1%. Without positive pressure: approx 50% leakage after only a few minutes
- Air outlet fitted with non-return valve

Application

The pressurisation hose will create a positive pressure inside the suit, significantly enhancing the protection of the SE-Shield protective suit. Also, the ventilation of the suit is generally perceived as a significant improvement of the physical comfort of the wearer.