

3M™ Versaflo™ Premium S-Series Hood and Helmet Adapter Assembly S-960

Description

The 3M™ Versaflo™ Premium S-Series Hood and Helmet Adapter Assembly S-960 is used with certain 3M™ Versaflo™ S-Series Hoods and 3M™ Helmets to provide integrated respiratory, head, eye and face protection.



Approved Combinations

The approved combinations shown below that incorporate the S-960 Adapter have been tested and approved to EN 12941:1998 + A2:2008, EN 397:2012 + A1:2012 and EN 166:2001. The Certificate and Declaration of Conformity are available at the following website www.3M.com/Respiratory/certs and www.3M.com/Welding/certs.

Powered Air Respiratory System	S-960 Adapter Assembly
3M™ Powered Air Turbo PF-602E+	3M™ Chemical Hood S-805E* + 3M™ Helmet G3001 = S-865E**

* Combinations utilizing the S-805E hoods are not approved for use with the 3M™ Backpack BPK-01, 3M™ Easy Clean Backpack TR-927, or 3M™ Heavy Duty Backpack BPK-HD.

** BT-30 Breathing Tube is approved for use with these combinations. Other Breathing Tubes not currently approved.

Respiratory Classification and Protection Factors

Regulatory Approval	3M™ Chemical Hood S-805E + 3M™ Helmet G3001 = S-865E
EN 12941:1998 + A2:2008	TH3
Nominal Protection Factor	500
APF* (UK)	40
VGW** (Germany)	100

Note: The Nominal Protection Factor (NPF) is a number derived from the maximum percentage of total inward leakage permitted in relevant European Standards for a given class of respiratory protective device. This may not be the level of respiratory protection that can be realistically expected in the workplace by wearers. Many countries apply Assigned Protection Factors (APFs) for example UK and Germany. Employers may apply a value lower than the NPF/APF if deemed applicable. Please refer to EN 529:2005 and National workplace protection guidance for application of these numbers in the workplace. Please contact 3M for further information.

*APF = Assigned Protection Factor (For information on APFs, see HSE document HSG53).

**VGW = Protection level according to DGUV-R 112-190.

Helmet Classification

When fitted with the S-960 Adapter and S-Series hood, the helmet meets the mechanical requirements of EN 397:2012+A1:2012 for impact and penetration when conditioned to -10°C.

Conditioning at -30°C has not been carried out, and therefore the requirements for very low temperature shock absorption (-30°C) are not met.

The requirements for electrical properties (440Vac) and molten metal (MM) have also not been tested. These products must not be used in environments where these requirements are needed.

Eye and Face Classification

Refer to the S-Series Technical Datasheet for classifications according to EN 166:2001.

Materials

Polyketone

Cleaning Information

For cleaning the S-960 adapter, a clean cloth or sponge dampened with a mild solution of water and liquid household soap may be used to wipe down the adapter strap, air duct, and other plastic parts. The adapter components should be air dried before storage or reuse. If liquid enters the air duct, ensure it is thoroughly dry before storage or reuse.

DO NOT:

- Use detergents that contain lanolin or other oils
- Wipe the adapter components with strong solvents such as MEK, acetone, bleach, or toluene as those may damage or distort the adapter
- Soak components in cleaning solutions or solvents

- Wash in a washing machine or respirator washer
- Use sterilization processes such as ethylene oxide, radiation and steam sterilization, as they may damage components

For cleaning guidance for the helmets and S-Series hoods, please read and follow the appropriate User Instructions for information regarding those components.

Storage Conditions

-30°C to 49°C < 90%RH

Operating Conditions

-10°C to 49°C (unless limited by other components of the system)

Shelf Life

3 years

(The shelf life as defined above remains an indicative and maximum data, subject to many external and non-controllable factors. It may never be interpreted as a warranty.)

Important Notice

The use of the 3M product described within this document assumes that the user has previous experience of this type of product and that it will be used by a competent professional. Before any use of this product it is recommended to complete some trials to validate the performance of the product within its expected application.

All information and specification details contained within this document are inherent to this specific 3M product and would not be applied to other products or environment. Any action or usage of this product made in violation of this document is at the risk of the user.

Compliance to the information and specification relative to the 3M product contained within this document does not exempt the user from compliance with additional guidelines (safety rules, procedures). Compliance to operational requirements especially in respect to the environment and usage of tools with this product must be observed. The 3M group (which cannot verify or control those elements) would not be held responsible for the consequences of any violation of these rules which remain external to its decision and control.

Warranty conditions for 3M products are determined with the sales contract documents and with the mandatory and applicable clause, excluding any other warranty or compensation.

