

# New closure system for Dräger TeamMaster pro-ET



For emergency response to hazardous materials, it is essential to prevent permanent injury or damage to property and the environment. Such responsible work demands equipment that matches the responsibility.



ST-11340-2007

**CR-PVF closure system**  
With an additional pull strap on the suit's inside.



ST-11346-2007

**CR-PVF closure system**  
It takes one look to be on the safe side.

Based on this statement, we developed a new closure system for our Dräger TeamMaster pro-ET.

The new black CR-PVF zipper, with a metal chain on the outside, replaces its predecessor, made of VITON®.

It fulfills all requirements of EN 943-1/-2:2002, and is certified in accordance with vfdb 0801 2006-11.

The rugged design of the new closure system meets the special reliability and safety needs of emergency teams (ET).

All tests on the closure system were performed by a notified body.

Breakthrough times were determined on the stripped zipper, without the protective flap that is mandatory for ET-certified, chemical-protective suits.

Advantages of the CR-PVF closure system:

- Excellent protection against a wide range of chemicals due to integrated barrier laminate
- Resists even the highest mechanical stress.
- Metal chain on the outside prevents the sealing lip from twisting. The sealing lip is automatically pulled into the correct position by closing the zipper.
- No jamming of the sealing lip.
- It takes only one look to see if the sealing lips are correctly connected and the closure system is gastight.
- The metal chain that needs to be greased can be accessed easily, thereby shortening the greasing procedure.
- In case of emergency, the additional pull strap on the suit's inside can be removed, if it is not needed.
- Available in serial production for all Dräger TeamMaster pro-ET.

Dräger TeamMaster pro-ET closure system – another quality product from Dräger Safety.

## TECHNICAL DATA

### Chemical resistance according to EN 943-1/-2:2002

All tests were performed without the mandatory HIMEX® over the flap.

Chemical <sup>1)</sup>	Breach time in minutes <sup>2)</sup>	Chemical <sup>1)</sup>	Breach time in minutes <sup>2)</sup>
Dichloromethane	9	Acetonitrile	181
Methanol	> 480	Ethyl acetate	32
n-heptane	> 480	Carbon disulfide	240
Toluene	> 480	Tetrahydrofuran	26
Diethylamine	> 480	Ammonia	> 480
Sodium hydroxide 40 %	> 480	Chlorine	> 480
Sulfuric acid 96%	> 480	Hydrogen chloride	> 480
Acetone	24		

<sup>1)</sup> Test chemicals of EN 943-2:2002

<sup>2)</sup> Time acc. to DIN EN ISO 6529:2003-01 until the permeation rate reaches 1,0 g/(cm<sup>2</sup>\*min)  
HIMEX® is a registered trademark of Drägerwerk AG, Lübeck, Germany.

## ORDER INFORMATION

Dräger TeamMaster pro-ET blue	R 29 444
Dräger TeamMaster pro-ET orange	R 29 445

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