

Art. No. **CHEM-TAPE**

ChemTape® - The special adhesive tape

- patented chemical protection adhesive tape
- excellent chemical barrier
- Breakthrough times > 480 min for a variety of highly aggressive chemicals, e.g. warfare agents
- easy to tear off by hand
- for taping gloves and protective suits
- to cover possible leaks

Art. No.	Colour	Size	PU
CHEM-TAPE	yellow	55 m x 5 cm	24 rolls

Unique chemical protection

A high-class protective suit deserves a unique chemical protective tape. Because even the most reliable Type 3 chemical protective suit will not provide complete protection if it is not completely secure and seamlessly closed in critical environments. A Cat. III type 3 suit is only a type 3 suit and meets the requirements for such a suit with regard to penetration if the transitions are also properly taped. If this is not done during certification, the suit will fail the test. **Taping is essential for all Cat III Type 3 suits in order to fully meet the requirements. ChemTape is an adhesive tape tested for a wide range of aggressive chemicals**, with strong mechanical properties and very high adhesive strength. It is the accessory of choice when it comes to sealing gloves, overshoes, boots or face masks tightly to the suit.

The ChemTape usually has a higher permeation barrier than the protective suit used. This is crucial for the safety of the wearer. This is because it eliminates weak points in the suit such as transitions to supplementary PPE and zips. An unsuitable tape would reduce the barrier effect of the chemical protective suit at these points and endanger the wearer. Careful selection of the correct protective suit, as well as all PPE such as protective gloves, masks, boots, etc., is critical to the safety of the wearer. However, the correct use of the PPE, the correct taping of the transitions and the safe donning and doffing is just as important and must therefore be trained with the users. This is a mandatory requirement and is the responsibility of the employer.

The **comfortable handling of ChemTape** helps to avoid mistakes during application. Despite its uniquely high permeation barrier and adhesive strength, it is very easy to tear off by hand in the transverse direction without fraying. When taping, always use enough tape and stick a tab at one end to make it easier to remove the tape when undressing.



Innovating your safety

ASATEX®

ASATEX® Aktiengesellschaft
 August-Borsig-Str. 2
 50126 Bergheim - Germany
 Tel. +49 2271 4777 0
 www.asatex.eu

Art. No. **CHEM-TAPE**

PERMEATION DATA

Hazardous substance / Chemicals	CAS	CHEM-TAPE	Competitor
Acetone	67-64-1	>480 Min	imm.
Acetonitrile	75-05-8	>480 Min	imm.
Carbon disulphide	75-15-0	>480 Min	imm.
Dichloromethane	75-09-2	>480 Min	imm.
Diethylamine	109-89-7	160 Min	imm.
DMF - Dimethylformamide	68-12-2	>480 Min	imm.
Ethyl acetate	141-78-6	>480 Min	imm.
n-Hexane	110-54-3	>480 Min	imm.
Methyl alcohol	67-56-1	>480 Min	imm.
Nitro Benzene	98-95-3	>480 Min	imm.
Sodium hydroxide	1310-73-2	>480 Min	>480 Min
Sulphuric acid	7664-93-9	>480 Min	>480 Min
Tetrachloroethylene	127-18-4	>480 Min	imm.
Tetrahydrofuran	109-99-9	>480 Min	imm.
Toluene	108-88-3	>480 Min	imm.

Test basis: BT0.1, normalised breakthrough time at 0.1 µg / cm² / min according to ASTM F739

imm. = immediate breakthrough

Innovating your safety

ASATEX®

ASATEX® Aktiengesellschaft
August-Borsig-Str. 2
50126 Bergheim - Germany
Tel. +49 2271 4777 0
www.asatex.eu