



a-LEONARDO company



# **DIRIN 500**

## **A2B2P3 R O NBC**



# DIRIN 500 A2B2P3 R D NBC

## DESCRIPTION

Dirin 500 AB2P3 NBC is a combined filter equipped with a standard threaded connector according to EN 148-1. Dirin 500 AB2P3 NBC is derived from **NBC military filters** used in **NATO** countries, i.e. shape and size are similar to the M58 filter used by the Italian Armed forces for NBC applications and the charcoal used is the same which is specifically homologated for this purpose by the **Italian Army**.

## FEATURES

- Dirin 500 AB2P3 NBC has been tested according to EN 143 and EN 14387.
- In addition it has been tested according to the German Norm TL 4240-0017 - Schraubfilter, nicht magnetisierbar für ABC-Schutzmaske concerning gas capacity and particle penetration efficiency.
- Gas capacity tests have been performed by The Armed Forces Scientific Institute for Protection Technologies - NBC-Protection of Munster, while particle penetration efficiency has been tested at Berufsgenossenschaftliches Institut für Arbeitsschutz - BIA (im HVBG).
- Dirin 500 AB2P3 NBC does not protect against, carbon monoxide, oxygen deficiency, gases of families other than A and B and nuclear substances in gaseous form.
- Dirin 500 AB2P3 NBC is for single use only and should be disposed according to the substances retained and local legislation.
- Dirin 500 AB2P3 NBC is to be used on full face masks only. NBC agents are generally toxic also through skin. Breathing protection must therefore be integrated with skin protection (i.e. NBC suits, gloves, boots and hood).





## TECHNICAL SPECIFICATIONS

Gas test	Concentration g/m <sup>3</sup>	Norm requirements (minutes)	Duration filter (minutes)	Norm requirements for filter duration after treatment of relative humidity 80% (minutes)	Duration filter after treatment of relative humidity 80% (minutes)
Cloropicrina (C <sub>2</sub> Cl <sub>3</sub> NO <sub>2</sub> )	5,0 + 0,3	≥ 240	≥ 264	≥ 100	> 110
Chlorocyan (HCN)	2,0 + 0,2	≥ 240	≥ 264	≥ 200	> 220
Blausure (ClCN)	2,0 + 0,2	≥ 140	≥ 154	≥ 140	> 154

Pls note: All tests are performed with an air flow of 30 l/min and wet means Humidity balanced at RH of 80%.

TEST AEROSOL	EFFICIENCY (%)
Paraffin oil aerosol	0.015

CODE
43411886



Dispositivi Protezione Individuale D.P.I. srl  
Direzione e coordinamento di Leonardo S.p.A.  
Via di Cervara 42-00155 Roma Italia | tel. +39 06 2270051;  
dpi@dpisekur.com | dpisrl@pec.it | www.dpisekur.com