

Technical Data Sheet

DIRIN 500 A2 B2 – P3R NBC

Order no.:	422 609												
Product designation:	Multi-type Combined Filter DIRIN 500 A2 B2 – P3R NBC												
Applied standard:	DIN EN 14387 (DIN = German Institute for Standardization) as well as Technical delivery terms TL 4240-0017 (June 2002, para 2.5.6.2 table 1 for FE55NM Annexes E, F, G and H) of the Military-Scientific Institute of protective technologies – ABC-Protection of the German Armed Forces (Bundeswehr)												
Utilization:	In connection with full masks (DIN EN 136) with round thread connection (DIN EN 148-1). In connection with Filter carrying device S/03016 and half masks (DIN EN 140) with round thread connection (DIN EN 148-1). Protection against organic gases and vapours with a boiling point > 65°C, inorganic gases and vapours, as well as particles of toxic and highly toxic substances.												
Description:	The filter case is round and consists of filter pot and filter lid. The filter pot contains the round thread connection according to DIN EN 148-1; the filter lid is open to the inhalation side. There is a filter bed with activated charcoal. This is firmly fixed by the filter case and internal screens. The particle filter is positioned with inhalation side in front of the gas filter part. The particle filter consists of one construction unit and has bar folding. A gastight connection between the particle filter and the case is provided. Both filter openings are locked by water-vapour-proof cover caps.												
Materials:	<table border="0"> <tr> <td>Filter pot:</td> <td>Aluminium, inside coated</td> </tr> <tr> <td>Filter lid:</td> <td>PP, self-extinguishing</td> </tr> <tr> <td>Sorbents:</td> <td>impregnated active charcoal</td> </tr> <tr> <td>Particle filter:</td> <td>Microfiberglass, Cellulose fibers, Addition (BIOSTOP)</td> </tr> <tr> <td>Cover cap:</td> <td>Plastic</td> </tr> <tr> <td>Banderole:</td> <td>Paper</td> </tr> </table>	Filter pot:	Aluminium, inside coated	Filter lid:	PP, self-extinguishing	Sorbents:	impregnated active charcoal	Particle filter:	Microfiberglass, Cellulose fibers, Addition (BIOSTOP)	Cover cap:	Plastic	Banderole:	Paper
Filter pot:	Aluminium, inside coated												
Filter lid:	PP, self-extinguishing												
Sorbents:	impregnated active charcoal												
Particle filter:	Microfiberglass, Cellulose fibers, Addition (BIOSTOP)												
Cover cap:	Plastic												
Banderole:	Paper												
Operating principle:	By addition to sorbent (Impregnated active charcoal), the gases and vapours will be removed from the ambient air. Particles are filtered through the BIOSTOP microfiberglass filter.												
Weight:	approx. 350 gram												
Inhalation resistance:	at 30 l/min, constant flow max. 2.6 mbar (according to 14387) at 95 l/min, constant flow max. 9.8 mbar (according to 14387)												
Marking:	Trade mark of manufacturer (LOGO) Product designation Applied standard Consider the Instructions of use Expiry of shelf-life (MM/YYYY) Lot-No. (PARTITA) CE-Identification Notified body Identification color: blue – white												
Handling:	Open the Filter (Remove the cover caps) and screw the Filter firmly into the facepiece connector directly before use.												
Storage conditions:	Ambient temperature. Protect against cold, heat and humidity. Consider conditions noted on the packaging.												
Warning reference:	Please consider the Instructions for use!												
User references:	EKASTU Safety GmbH guarantees the indicated achievement according to class and type. It is to be noted that the laboratory test values can considerably deviate from those which are reached in practice. This can lead to longer or shorter preservation time. The user must read and understand all functional information. In addition, the knowledge of all relevant application rules absolutely necessary (in particular the application rules according to BGR 190 (resp. CEN Report 529 „Respiratory protective devices - Recommendations for selection, application, care and maintenance – guide“)).												