

## Technical Data Sheet

## DIRIN 500 A2 B2 E2 K2 – HG – P3R D

<b>Order no.:</b>	322 682												
<b>Product designation:</b>	Multi-type Combined Filter DIRIN 500 A2 B2 E2 K2 – HG – P3R D												
<b>Applied standard:</b>	DIN EN 14387 (DIN = German Institute for Standardization)												
<b>Utilization:</b>	<p>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).</p> <p>Protection against organic gases and vapours with a boiling point &gt; 65°C, inorganic gases and vapours, sulphur dioxide, ammonia and mercury vapours, as well as particles of toxic and highly toxic substances.</p>												
<b>Description:</b>	<p>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.</p>												
<b>Materials:</b>	<table><tr><td>Filter pot:</td><td>Aluminium, inside coated</td></tr><tr><td>Filter lid:</td><td>ABS, 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:	ABS, self-extinguishing	Sorbents:	impregnated active charcoal	Particle filter:	Microfiberglass, Cellulose fibers, Addition (BIOSTOP)	Cover cap:	Plastic	Banderole:	Paper
Filter pot:	Aluminium, inside coated												
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Sorbents:	impregnated active charcoal												
Particle filter:	Microfiberglass, Cellulose fibers, Addition (BIOSTOP)												
Cover cap:	Plastic												
Banderole:	Paper												
<b>Operating principle:</b>	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.												
<b>Weight:</b>	approx. 398 g												
<b>Inhalation resistance:</b>	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)												
<b>Marking:</b>	Trade mark of manufacturer (LOGO) Product designation Applied standard Consider the information brochure Expiry of shelf-life (MM/YYYY) Lot-No. (PARTITA) CE-Identification Notified body Identification color: brown – grey – yellow – green – red – white												
<b>Handling:</b>	Open the Filter (Remove the cover caps) and screw the Filter firmly into the facepiece connector directly before use. Use the Filter in accordance with the information brochure.												
<b>Storage conditions:</b>	Ambient temperature. Protect against cold, heat and humidity. Consider conditions noted on the packaging.												
<b>Warning reference:</b>	Please consider the information brochure!												
<b>User references:</b>	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. The user must read and understand all functional information. Use the Respiratory protective devices with this information brochure, the relevant valid statutory regulations and the safety requirements of the profession associations, particularly the regulations for use in accordance with DGUV Rule 112-190 resp. DIN EN 529 'Respiratory protective devices – recommendation for selection, use, care and maintenance – guidelines'.												