

### Technical Data Sheet

### DIRIN 500 60CO – P3R

<b>Order no.:</b>	422 603												
<b>Product designation:</b>	Special Filter DIRIN 500 60CO – P3R												
<b>Applied standard:</b>	DIN 58620/DIN EN 143 (DIN = German Institute for Standardization)												
<b>Utilization:</b>	In connection with full face masks (DIN EN 136) with round thread connection (DIN EN 148-1). Protection against carbon monoxide, as well as particles of toxic and highly toxic substances.												
<b>Operating time:</b>	use filter one time only and for maximum 60 minutes.												
<b>Description:</b>	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 hopcalite. This is firmly fixed by the filter case and internal screen. The particle filter is positioned with inhalation side in front of the filter beds. 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.												
<b>Materials:</b>	<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>Hopcalite</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:	Hopcalite	Particle filter:	Microfiberglass, Cellulose fibers, Addition (BIOSTOP)	Cover cap:	Plastic	Banderole:	Paper
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<b>Operating principle:</b>	CO is removed from the ambient air by hopcalite. Particles are filtered through the BIOSTOP microfiberglass filter.												
<b>Weight:</b>	approx. 479 g												
<b>CO Gas capacity:</b>	<table border="1"> <thead> <tr> <th>Test gas</th> <th>Class</th> <th>Concentration</th> <th>Breakthrough</th> <th>Minimum duration</th> </tr> </thead> <tbody> <tr> <td>Carbon Monoxide (CO)</td> <td>60</td> <td>5000ppm</td> <td>≥200ml/m<sup>3</sup></td> <td>&gt;60min</td> </tr> </tbody> </table>	Test gas	Class	Concentration	Breakthrough	Minimum duration	Carbon Monoxide (CO)	60	5000ppm	≥200ml/m <sup>3</sup>	>60min		
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Carbon Monoxide (CO)	60	5000ppm	≥200ml/m <sup>3</sup>	>60min									
<b>Inhalation resistance:</b>	at 30 l/min, constant flow max. 2.6 mbar (according to 58620) at 95 l/min, constant flow max. 9.8 mbar (according to 58620)												
<b>Marking:</b>	Trade mark of manufacturer (LOGO) Product designation Applied standard Consider the information brochure Limitation of use Expiry of shelf-life (MM/YYYY) Lot-No. (PARTITA) CE-Identification Notified body Identification color: black – white												
<b>Handling:</b>	Open the aluminium foil bag afterwards open the filter (remove the cover caps) and screw filter firmly into the face piece 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'.												