



# FILTER

## RSG 530 A2B2E2K2HgNO CO 20 P3 R

This combined multipurpose filter is designed to provide comprehensive protection against a wide range of hazardous substances. It effectively filters organic, inorganic, and acid gases and vapors, including ammonia and organic ammonia derivatives, as well as mercury and mercury compounds. In addition, it offers protection against radioactive and toxic particles, micro-organisms, nitrous gases, nitrogen monoxide, and carbon monoxide.

The filter is also capable of trapping solid and liquid particles, ensuring high-level safety in various industrial and hazardous environments. Designed with a thread according to EN 148-1, it ensures compatibility with relevant safety equipment for optimal use.

The 530 Series filter canisters have been designed to provide exceptional low breathing resistance, the highest comfort and long duration of use. The standard DIN 40mm thread makes it suitable for use on the entire RSG Full Face Mask

<b>Part number</b>	401885
<b>Description</b>	FILTER RSG 530 A2B2E2K2HgNO CO 20 P3 R
<b>EN Standard</b>	EN 14387   DIN 58620 (CO)
<b>Nominal Protection Factor</b>	1000 - EN 136 full face mask
<b>Assigned Protection Factor</b>	20 – EN 136 full face mask
<b>Temperature range (°C)</b>	-10°C + 50°C
<b>Stage temperature</b>	-10°C + 50°C
<b>Material housing</b>	Aluminium
<b>Weight (g)</b>	Less than 500 gr
<b>Quantity per box</b>	1
<b>Packaging dimensions</b>	56x35x36cm (carton 20 pcs)



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**Table 1**

These respirators are suitable for use in concentrations of solid and non-volatile liquid particles up to the following limits:

Filter type	Filter class	Gas	Concentration (PPM)	Breakthrough concentration (PPM)	Duration (minutes)	
					Norm requirements	Test results
A	2	C6H12	5 000 PPM	10 PPM	35	>35
B	2	H2S	5 000 PPM	10 PPM	40	Much higher
	2	CL2	5 000 PPM	0.5 PPM	20	Much higher
	2	HCN	5 000 PPM	10 PPM	25	>25
E	2	SO2	5 000 PPM	5 PPM	20	>20
K	2	NH3	5 000 PPM	25 PPM	40	>40
NO	--	NO	2 500 PPM	5 PPM	20	>20
	--	NO2	2 500 PPM	5 PPM	20	>20
HG	--	HG	1.6 ML/M3	0.1 PPM	>100 HRS	>100 HRS
			2 500 PPM	200 PPM	>20	>20
CO	20 minutes	CO	5 000 PPM	200 PPM	>20	>20
			10 000 PPM	200 PPM	>20	>20

Respiratory protection is only effective if it is correctly selected, fitted and worn throughout the time when the wearer is exposed to hazards.