

Product leaflet

Product
Chemical cartridge
CL/HC/SD/FM/AM/MA

Model No.
SR 533

Ordering No.
H02-7221

Product Description

The SR 533 CL/HC/SD/FM/AM/MA chemical cartridge are intended for use in the SR 500 Powered Air-Purifying Respirator (PAPR) to provide protection against the following types of gases and vapours:

CL protects against Chlorine.

HC protects against Hydrogen chloride.

SD protects against Sulfur dioxide.

FM protects against Formaldehyde.

AM protects against Ammonia

MA protects against Methylamine

The SR 500 PAPR must always be used with two particulate filters or two combined filters consisting of chemical cartridges and particulate filters.

Technical specification

	SR 533	42 CFR part 84
Diameter/height	5.4/2.6 inch (138/65 mm)	-
Weight	≈ 13.6 oz (385 g)	-
Service temperature	14 to 131 °F (-10 to +55 °C), < 90 % RH	-
Storage temperature	4 to 104 °F (-20 to +40 °C), < 90 % RH	-
Resistance time		
CL , Chlorine Cl ₂ , 500 ppm	> 65 min	≥ 17.5 min
HC , Hydrogen Chloride HCl, 500 ppm	> 30 min	≥ 25 min
FM , Formaldehyde CH ₂ O, 100 ppm	> 75 min	≥ 50 min
SD , Sulfur Dioxide SO ₂ , 500 ppm	> 85 min	≥ 15 min
AM , Ammonia NH ₃ , 1000 ppm	> 90 min	≥ 25 min
MA , Methylamine CH ₅ N, 1000 ppm	> 30 min	≥ 25 min
Approval	NIOSH 42 CFR part 84	

- A. Activated carbon**
- B. Filter disc**
- C. Marking label**
- D. Filter canister**

