

Assigned Protection Factors

Type of Respirator ^{1,2}	Half mask	Full facepiece	Helmet/Hood	Loose Fitting Facepiece
Air-Purifying Respirator	³ 10	50	--	--
Powered Air-Purifying (PAPR)	50	1,000	⁴ 25/1,000	25
Supplied-Air Respirator				
Demand Mode	10	50	--	--
Continuous Flow Mode	50	1,000	⁴ 25/1,000	25
Pressure-demand/other positive-pressure mode	50	1,000	--	--
Self-contained breathing apparatus				
Demand Mode	10	50	50	--
Pressure-demand/other positive-pressure mode	--	10,000	10,000	--
<p>¹ Employers may select respirators assigned for use in higher workplace concentrations of a hazardous substance for use at lower concentrations of that substance, or when required respirator use is independent of concentration.</p> <p>² The assigned protection factors in Table 1 are only effective when the employer implements a continuing, effective respirator program as required by this section (29 CFR 1910.134), including training, fit testing, maintenance, and use requirements.</p> <p>³ This APF category includes filtering facepieces, and half masks with elastomeric facepieces.</p> <p>⁴ The employer must have evidence provided by the respirator manufacturer that testing of these respirators demonstrates performance at a level of protection of 1,000 or greater to receive an APF of 1,000. This level of performance can best be demonstrated by performing a WPF or SWPF study or equivalent testing. Absent such testing, all other PAPRs and SARs with helmets/hoods are to be treated as loose-fitting facepiece respirators, and receive an APF of 25.</p>				
<p><i>From AFI 48-137, as excerpted from 29 CFR 1910.134</i></p>				