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General Respirator Selection Guide

Respirators protect against nose, throat & lung irritation, headaches, nausea, asthma, liver & kidney damage.

- Recommended Selection.
- 3M Respirator Specialists preference.

		Disposable Respirators				Reusable Respirators				
						3M™ 6000 Series All filters fit both half facepieces		3M™ 7000 Series facepieces		Airline Systems
		3M™ 9310 or 3M™ 9312 valved Flat Folds	3M™ 8710 or 3M™ 8812 valved	3M™ 9913 or 3M™ 9913V valved	3M™ 8514 Specialty Welding Respirator	Filters 2071	Filters 2078	Filters 6001 5N11 501	Filters 6003 5N11 501	SA2000 Dual Air Line
When you are...	To protect against...									
Generating dusts – drilling, grinding, sanding, sawing	Dusts from timber, fibreglass, cement, masonry	● Valved	●	●	●	●	●	●	●	●
Welding, metal cutting, metal pouring, soldering	Metal fumes and smokes				●	●	●	●	●	●
	Ozone Gas				●	●	●	●	●	●
Acid handling – etching, electroplating, acid cleaning	Sulphuric Acid Sulphur Dioxide							●	●	●
	Hydrochloric Acid Hydrogen Chloride							●	●	●
Using organic solvents, degreasing, gluing, cleaning	Organic vapours							●	●	●
	Solvents							●	●	●
Spray painting	Solvent vapours & paint spray mist							●	●	●
Spraying 2 pack (polyurethane) paints	Isocyanates									●
Spraying for weed and pest control (not fumigants)	Herbicides & pesticide mists (outdoors)			●				●	●	●
	Nuisance level* odours			●		●	●	●	●	●

* Levels below the Worksafe Australia Exposure Standards.

Use Limitations:

These respirators do not supply oxygen. Do not use when contaminant concentrations are: immediately dangerous to life and health; unknown; above the maximum use limitations for each respirator type.

Do not use in atmospheres containing less than 19.5% oxygen. Do not abuse, modify or misuse any respirator. Do not use close fitting respirators (half facepiece or full facepiece) with beards or other facial hair that prevent direct contact between the face and the respirator sealing surface.

Note:

Because air contaminant types and concentrations vary from site to site this chart is a guide only. Selection of the most appropriate respirator should be made by a person familiar with the benefits and limitations of respirators.

Need information or Technical Assistance? Call -

Tech Assist HELPLINE
1800 024 464



WARNING

These respirators help protect against certain dusts, fumes, mists, gases and vapours but do not eliminate exposure to or the risk of contracting disease or infection. Misuse may result in sickness or death.