








Welding and Metal Pouring	Product Number/ Classification	DOSH Approval no.	Suggested Applications	Time Use Limitation	Featured Technologies
	 8212 N95	JKKP DR 68/99	<ul style="list-style-type: none"> Welding • Brazing • Soldering • Torch cutting • Metal pouring Grinding • Sanding • Sweeping • Bagging • Other dusty/hot operations <p>Use For:</p> <ul style="list-style-type: none"> Metal fumes produced from welding, cutting and other operations involving heating of metals. Solids such as those from processing minerals, coal, iron ore, flour, and certain other substances. Liquid or non-oil based particles from sprays that do not also emit harmful vapors. 	1	<ul style="list-style-type: none"> Cool Flow Exhalation Valve Faceseal Advanced Electret Media Cake-resistant filter media Fully Adjustable Straps
	 8512 N95	JKKP DR 70/99	<ul style="list-style-type: none"> Welding • Brazing • Soldering • Torch cutting • Metal pouring • Grinding Sanding • Sweeping • Bagging • Other dusty/hot operations <p>Use For:</p> <ul style="list-style-type: none"> Solids such as those from processing minerals, coal, iron ore, flour, and certain other substances. Liquid or non-oil based particles from sprays that do not emit harmful vapors. Metal fumes produced from welding, cutting and other operations involving heating of metals. 	1	<ul style="list-style-type: none"> Cool Flow Exhalation Valve Advanced Electret Media Cake-resistant filter media Fully Adjustable Straps
	 8214 N95	JKKP DR 69/99	<ul style="list-style-type: none"> Welding - Galvanized Steel, Stainless Steel, Aluminium • Soldering Brazing • Torch cutting • Metal pouring • Grinding • Sanding Sweeping • Bagging • Other dusty/hot operations <p>Use For:</p> <ul style="list-style-type: none"> Ozone protection***. Solids from processing minerals, coal, iron ore, flour. Liquid or non-oil based particles from sprays that do not emit harmful vapors. Metal fumes produced from welding and cutting. Nuisance level organic vapor** relief. 	1 & 2	<ul style="list-style-type: none"> Cool Flow Exhalation Valve Faceseal Advanced Electret Media Odor-removing filter material Cake-resistant filter media Fully Adjustable Straps
	 8514 N95	JKKP DR 71/99	<ul style="list-style-type: none"> Welding - Galvanized Steel, Stainless Steel, Aluminium • Soldering Brazing • Torch cutting • Metal pouring • Grinding • Sanding Sweeping • Bagging • Foundry operations • Other dusty/hot operations Petrochemical Operations <p>Use For:</p> <ul style="list-style-type: none"> Ozone protection***. Solids from processing minerals, coal, iron ore, flour. Liquid or non-oil based particles from sprays that do not emit harmful vapors. Metal fumes produced from welding and cutting. Nuisance level organic vapor** relief. 	1 & 2	<ul style="list-style-type: none"> Cool Flow Exhalation Valve Advanced Electret Media Odor-removing filter material Cake-resistant filter media Fully Adjustable Straps

3M™ 9000 Series Particulate Respirators

Dusty Conditions	Product Number/ Classification	Suggested Applications	Featured Technologies
	 9002A AS/NZS P1	<ul style="list-style-type: none"> Grinding • Sanding • Sweeping • Bagging • Woodworking • Other Dusty operation <p>Use For:</p> <ul style="list-style-type: none"> Solid such as those from processing minerals, coal, iron ore, Flour and certain substances. Liquid particles from sprays that do not emit harmful vapors. 	<ul style="list-style-type: none"> Advanced Electret Media Two-Strap design Vertical Flat-Fold Design
	 9010 N95	<ul style="list-style-type: none"> Grinding • Sanding • Sweeping • Bagging • Woodworking • Other Dusty operation Business Continuity Planning <p>Use For:</p> <ul style="list-style-type: none"> Solid such as those from processing minerals, coal, iron ore, Flour and certain substances. Liquid or non-oil based particles from sprays that do not emit harmful vapors. 	<ul style="list-style-type: none"> Advanced Electret Media Two-Strap design Vertical Flat-Fold Design
	 9042A AS/NZS P1	<ul style="list-style-type: none"> Foundry operation • Lab setting • Agriculture • Petrochemical • Tobacco Processing <p>Use For:</p> <ul style="list-style-type: none"> Solid such as those from processing minerals, coal, iron ore, Flour and certain substances. Liquid particles from sprays that do not emit harmful vapors. Nuisance level organic * vapor relief. 	<ul style="list-style-type: none"> Advanced Electret Media Odor-removing filter material Two-Strap design Vertical Flat-Fold Design

* 3M recommended for relief from nuisance levels of acid gas. Nuisance level refers to concentrations not exceeding the OSHA PEL, or applicable government occupational exposure limits, whichever is lower.


** 3M recommended for relief from nuisance levels of organic vapors. Nuisance level refers to concentrations not exceeding the OSHA PEL, or applicable government occupational exposure limits, whichever is lower.

*** 3M recommended for ozone protection up to 10 times the OSHA PEL, or applicable government occupational exposure limits, whichever is lower.

Time Use limitation

- If respirator becomes damaged, soiled, or breathing becomes difficult, leave the contaminated area and replace respirator.
- If used for ozone protection, replace respirator in accordance with an established change schedule, or earlier if smell, taste, or irritation from contaminants is detected.
- If oil aerosols are present, time use may be limited to 8 hours of continuous or intermittent use.
- If used in environments containing only oil aerosols, replace respirator after 40 hours of use or 30 days, whichever is first.

See next page for Featured Technologies for 8000 Series Particulate Respirators


WARNING!

Each respirator helps protect against certain particles only. Misuse may result in sickness or death. For proper use, see supervisor, instructions or call 3M Technical Services. Tel: 03 7806 2888

Do Not Use For :

Gases and vapors, including those present in paint spraying operations, asbestos or sandblasting, aerosol concentrations that exceed 10 times the OSHA PEL, or applicable governmental regulations, whichever is lower. These respirator does not supply oxygen.