

3M Safety Products

Farm Hazards and Recommended Protection

(Before Use, You Must Read Warning Statements on Backside)

		Protection
Hazard	Dust & Particles pollen grain dust dusty/moldy hay bedding dry fertilizer field dust (<i>planting & harvest</i>) animal dander (<i>swine & poultry</i>) feathers mites dried manure/urine molds grinding/sanding	3M™ 8210 N95 Particulate Respirator (or 8654ES) 3M™ 8511 N95 Particulate Respirator (or R8511ES 3M™ Cool Flow™ Exhalation Valve) 3M™ 8247 R95 Particulate Respirator (or 8656 ES Nuisance Odor)* <i>*3M recommended for relief against nuisance levels of organic vapors. Nuisance levels refers to concentrations not exceeding OSHA PEL or applicable government occupational exposure limits, whichever is lower.</i>
	Welding Fumes metal particles paint & finish decomposition	3M™ 8212 N95 Particulate Respirator 3M™ 6000 Series Facepiece with 2091 P100 Particulate Filter 3M™ 7000 Series Facepiece with 7090 P100 Filter (Requires 7288 retainer)
	Light Welding	3M™ 8511 N95 Particulate Respirator (or R8511ES)
	Toxic Particles lead asbestos (<i>brake or clutch repair</i>)	6000 Series Facepiece with 2091 P100 Particulate Filter 7000 Series Facepiece with 7090 P100 Particulate Filter (Requires 7288 retainer)
	Vapors (<i>Airborne concentrations not exceeding 10X the OSHA PEL</i>) <i>Always use level of respiratory protection specified on product label**</i> herbicides** insecticides** fungicides** rodenticides** solvents paint ammonia (<i>animal confinement buildings</i>) anhydrous ammonia (<i>field applications</i>) chlorine disinfectants	3M™ 5000 Series Maintenance-Free Gas and Vapor Respirators 5XP71 paint & pesticide respirator assembly 3M™ 6000 Series Low Maintenance Half and Full Facepiece Respirators 6X00 half & full facepiece with 6001 organic vapor cartridge & 5P71 P95 particulate filter (Requires 501 retainers) or R6022 replacement pack 3M™ 7000 Series Conventional Half and Full Facepiece Respirators 7X00 half or full facepiece with 7251 organic vapor cartridge & 7090 P100 particulate filter (requires 7287 retainer) or 7022 replacement pack (7022 not suitable for oils)
	Hearing Protection (<i>exceed 85 decibels</i>) grain handling field equipment tractors choppers blowers swine confinement facilities small engine equipment shop equipment	3M™ Hearing Protection Products 1100 Expandable Foam Ear Plug 1110 Corded Expandable Foam Ear Plug 1435 Ear Muff 1440 Ear Muff
	Slip Protection milk parlors equipment platforms & steps walkways	7730 Black Outdoor Safety-Walk™ Tread
	Spill Protection pesticides farm fuels/lubricants antifreeze	High Capacity Maintenance Sorbent

These respirators do not supply oxygen. Do not use in atmospheres containing less than 19.5% oxygen such as manure storage facilities, freshly filled silos, grain bins with high moisture corn, airtight silos and confinement building with ventilation failure

WARNING STATEMENTS

Important

Before using these respirators, you must determine the following:

1. The type of contaminant(s) for which the respirator is being selected.
2. The concentration level of that contaminant.
3. Whether the respirator can be properly fitted on the wearer's face. All respirator instructions, warnings and use and time limitations must also be read and understood by the wearer before use.
4. Whether the environment in which the respirator is used contains oil aerosols.

Use Limitations

1. These respirators do not supply oxygen. Do not use in atmospheres containing less than 19.5% oxygen such as manure storage facilities, freshly filled silos, grain bins with high moisture corn, airtight silos and confinement building with ventilation failure.
2. Do not use when concentrations of contaminants are immediately dangerous to life and health, are unknown, or when concentrations are greater than 10 times the permissible exposure limit (PEL) or according to specific OSHA standards or applicable government regulations, whichever is lower.
3. Do not alter, abuse or misuse these respirators.
4. Do not use with beards or other facial hair or other conditions that prevent a good seal between the face and the faceseal (or edge) of the respirator.
5. There are 3 newly established filter series:
 - N = Not to be used in oil containing environments
 - R = Oil Resistant. For use in oil and non oil containing environments, time use restrictions may apply
 - P = Oil Proof. For use in oil and non oil containing environments, manufacturer time use restrictions apply
6. Within each filter series there are 3 levels of approved efficiency:

95%
99%
99.97% (100)

Time Use Limitations

If N

If respirator becomes damaged, soiled, or breathing becomes difficult, leave the contaminated area and dispose of the respirator.

If R

1. If respirator becomes damaged, soiled, or breathing becomes difficult, leave the contaminated area and dispose of the respirator.
2. If oil aerosols are present, time use may be limited to 8 hours of continuous or intermittent use. Refer to NIOSH User's Guide, Pub. No. 96-101.

If P

1. If respirator becomes damaged, soiled, or breathing becomes difficult, leave the contaminated area and dispose of the respirator.
2. If used in environments containing only oil aerosols, dispose of respirator or change filters after 40 hours of use or 30 days, whichever is first.

For additional help in selecting an appropriate 42 CFR 84 filter or respirator please contact 3M Technical Service 1-800-243-4630.

	N	R	P
95%	N95	R95	P95
99%	N99	R99	P99
99.97%	N100	R100	P100

	! WARNING
	These respirators help protect against certain airborne contaminants but do not eliminate exposure to or the risk of contracting disease or infection. Misuse may result in sickness or death. For proper use, see supervisor, instructions on the package or call 3M OH&ESD at 1-800-247-3941. In Canada, Call 1-519-452-6137 or 1-800-265-1840 ext. 6737