



KNOW YOUR RESPIRATORS

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Resistance

- N (not resistant to oil)
- R (resistant to oil)
- P (oil proof)
- HE (high efficiency particulate)

Efficiency

- 95% (called '95')
- 99% (called '99')
- 100% (called '100')

Note: dust/mist = particulate

RESPIRATOR CARTRIDGE COLOR CODING

COLOR	CARTRIDGE USE
White	Acid gases
Black	Organic vapors
Yellow	Acid gases & organic vapors
Green	Ammonia gas
Purple (magenta)	Radioactive materials, except tritium & noble gases
Brown	Acid gases, organic vapors and ammonia gases
Orange	Any particulates - P95, P99, R95, R99, R100
Blue	Carbon monoxide
Red	Acid gas/Ammonia gas/Carbon monoxide/organic vapor all other combinations
Teal	Any particulates - N95, N99, or N100
Purple	Any particulates - P100
Olive	Any cartridge/canister that is not listed such as Chemical, Biological, Radiological, Nuclear or CS/CN

NIOSH	RESPIRATOR DESCRIPTION
Air-purifying respirators	
TC-84A	<ul style="list-style-type: none"> • Non-powered particulate respirators (N, R or P classified filters) • Combination chemical/cartridge/filter respirators with N, R, or P filters • Combination N, R, or P classified filters/supplied-air respirator systems • Combination N, R, or P classified filters with chemical cartridge/supplied-air respirator systems
TC-21C	<ul style="list-style-type: none"> • Powered air purifying respirators with particulate filter (previously included non-powered particulate respirators)
TC-23C	<ul style="list-style-type: none"> • Chemical cartridge only air purifying respirators • Powered air-purifying respirators with chemical cartridges or combination chemical cartridges with high efficiency filters • Combination chemical cartridge air-purifying/supplied air respirator systems • Loose fitting powered air-purifying respirators with chemical, biological, radiological and nuclear protection
TC-14G	<ul style="list-style-type: none"> • Gas masks with canisters
Air-supplying respirators	
TC-19C	<ul style="list-style-type: none"> • Supplied air respirators
TC-13F	<ul style="list-style-type: none"> • Self-contained breathing apparatus for entry or escape, demand or pressure-demand, open circuit or closed circuit • Self-contained self rescuers • Combination escape only self-contained breathing apparatus/supplied-air respirator • Combination self-contained breathing apparatus and supplied-air respirator

Other classifications not listed: TC-13F CBRN, TC-13G, TC-14G