

NIOSH APPROVED DISPOSABLE RESPIRATORS FOR FOOD PROCESSING & MANUFACTURING

Particulate Filter Types

Always follow manufacturer's directions for use and service life



	FILTER LEVEL		
FILTER CLASS	95 95% efficient at removing particulates 0.3 µm in diameter	99 99% efficient at removing particulates 0.3 µm in diameter	100 99.97% efficient at removing particulates 0.3 µm in diameter
N NOT resistant to oil particulates	N95	N99	N100
R RESISTANT to oil particulates	R95	R99	R100
P OIL PROOF	P95	P99	P100

Respirator Inspection Checklist

Filtering Face piece (Disposable)	
Check for:	✓
	Holes or tears on the filter
	Torn or non-elastic straps
	Folds, creases, or distortion in the face piece
	Missing or damaged metal nose piece
	Missing or broken valves (for respirators with an exhalation valve)
Reusable Respirators with cartridges or filters (Half-face, Full-face), Air-purifying	
Check the head straps for:	✓
	Wear and tear (cracks or rips)
	Knots
	Lack of elasticity
	Broken or faulty buckles
Check the face piece for:	✓
	Dirt
	Cracks, tears, holes
	Broken fitting (for example, strap holders)
	Cracked, scratched, or loose-fitting lenses (for full-face models only)
	The presence of filter seal gaskets (if the respirator has gaskets)
Check the valves for:	✓
	Buildup of soap residue or dirt on the valves, or on the valve seat
	Cracks, tears, hardening, or warps in the valves or the valve seat
	Missing or damaged valve or valve cover
	Curling
Check that the cartridges/filters are:	✓
	Made by the same manufacturer as the respirator
	The correct type for the hazard
	Fitting securely in the face piece (threads are not worn)
	Cartridges Free from cracks or dents Filters Free from rips, tears or holes

If from your inspection any parts are found to be damaged, missing, or defective, the respirator must not be used until it can be repaired or replaced.

User seal checks

Disposable Respirators

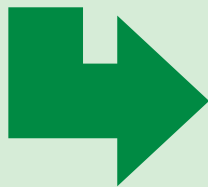
NEGATIVE AND POSITIVE PRESSURE



Breathe **in** gently

Respirator should slightly **collapse**

If air leaks in around the face:



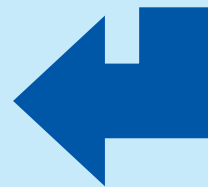
Adjust straps or
Reposition face piece



Breathe **out** gently

Respirator should slightly **expand**

If air leaks out around the face:



REPEAT TEST UNTIL SEAL IS ACHIEVED

User seal checks

Half-face reusable respirators | cartridge

NEGATIVE AND POSITIVE PRESSURE

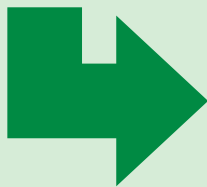


Cover cartridge inlets with palms

Breathe **in** gently

Respirator should slightly **collapse**

If air leaks in around the face:



**Adjust straps or
Reposition face piece**

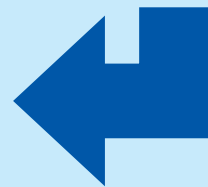


Cover exhalation valve with palm

Breathe **out** gently

Respirator should slightly **expand**

If air leaks out around the face:



REPEAT TEST UNTIL SEAL IS ACHIEVED

User seal checks

Half-face reusable respirators | filter

NEGATIVE AND POSITIVE PRESSURE

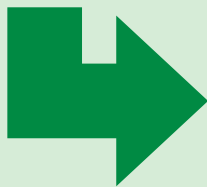


**Cover filter inlets
with thumbs**

Breathe **in** gently

Respirator should
slightly **collapse**

If air leaks in
around the face:



**Adjust straps or
Reposition face piece**

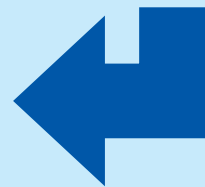


**Cover exhalation
valve with palm**

Breathe **out** gently

Respirator should
slightly **expand**

If air leaks out
around the face:



REPEAT TEST UNTIL SEAL IS ACHIEVED