

JACKSON SAFETY* Respirators

R30 – R10 Moulded Comfort Strap



JACKSON SAFETY* Respirators

Product selector

A comprehensive range of respirators providing the most appropriate protection to meet your needs.

Employers are responsible for providing suitable respiratory protection to employees who need it and giving proper training in its use. KIMBERLY-CLARK PROFESSIONAL* offers a choice of respiratory protection, expert knowledge and support services.

What is a workplace respiratory hazard?

A workplace respiratory hazard is anything that impairs an employee's ability to breathe freely and safely. Such threats might include:

- **Dusts** : Formed when solid matter is broken down into fine, airborne particles
- **Mists** : Tiny liquid droplets, formed by condensation or as the result of processes such as spraying
- **Metal fumes** : Fine, airborne particles from metal that condense after vaporisation at high temperatures
- **Gases** : Often odourless and invisible, can spread freely and quickly through the air
- **Vapours** : Gases formed when solids or liquids evaporate at room temperature

How to choose the right protection?

The right respiratory protection is vital to prevent harmful exposure to particles, gases and vapours. Following these rules will help you make the right choice :

- **Risk** : Identify the hazard - is it dust, mist, metal fume, gas or vapours?
- **Concentration** : Assess the concentration of contaminant; never underestimate, seek help and advice from our support services
- **Product selection** : Purchase only legal, regulatory marked respiratory equipment; if unsure of what you need, ask your KIMBERLY-CLARK PROFESSIONAL* distributor
- **Training** : Set up a training programme so that every user of respiratory equipment is informed about correct fitting, maintenance and storage



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Selecting the right respirator

- Respirators from KIMBERLY-CLARK PROFESSIONAL* are classified by NIOSH as Filtering Facepiece Respirators(FFP)
- How to choose from N, R or P series? Selection of N, P or R series is based on the presence or absence of oily particles with the NIOSH classifications as follows:
 - N – Not resistant to oil
 - R – Resistant to oil
 - P – oil Proof

- Which filtering efficiency to choose? NIOSH classify FFP respirators as 95%, 99% or 99.97% filter efficiency

No oily particles - use N, R or P

Oily particles e.g. cutting fluids, glycerine etc.
 – use R or P only
 Oily particles & required for more than 1 shift
 – use only P

NIOSH respirators:

Respirator	Filter efficiency (%)	Test agent (at 85 litres per minute)	Type of contaminant	Time of use
N series				
N100	99.7	NaCl	Solid & water based particulates i.e. non-oil aerosols	Non-specific (limited by considerations of hygiene, damage, and breathing resistance)
N99	99			
N95	95			
R series				
R100	99.7	DOP oil	Any	One work shift or 8 hours
R99	99			
R95	95			
P series				
P100	99.7	DOP oil	Any	Non-specific but not to be used more than 40 hours or 30 days and limited by considerations of hygiene, damage, and breathing resistance
P99	99			
P95	95			



Comparison of respirator filtration requirements:

Particle filtration (%)	US NIOSH Flow rate of 85 litres per minute with NaCl	US NIOSH Flow rate of 85 litres per minute with DOP (for R & P series)	EN149 Flow rate of 95 litres per minute with NaCl & mineral oil	Australia AS/NZS Flow rate of 95 litres per minute with NaCl
>80%			FFP1	P1
>94%			FFP2	P2
>95%	N95	R95, P95		
>99%	N99	R99, P99	FFP3	
>99.95%				P3
99.97%	N100	R100, P100		

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R30 – R10 Moulded Comfort Strap range

All respirators on this page are:

- Moulded respirators
- Latex free: can help prevent allergic reactions

All respirators on this page offer:

- Soft nose foam with cloth layer designed to improve comfort and reduce fogging on safety eye protection
- Convex shape, nose clip and elastic head strap to provide an excellent fit for a variety of different face shapes



R30 N99 Particulate Respirator

Valved

Protection against:

- ✓ Fine dusts
- ✓ Water and oil based mists
- ✓ Metal fumes

- Colour-coded red for easy distinction of performance level
- Exhalation valve designed for heat and moisture reduction to provide enhanced comfort
- NIOSH N99 approved



R20 P95 Particulate Respirator

Valved

Protection against:

- ✓ Fine dusts
- ✓ Water and oil based mists
- ✓ Metal fumes

- Colour-coded yellow for easy distinction of performance level
- Exhalation valve designed for heat and moisture reduction to provide enhanced comfort
- NIOSH P95 approved. Recommended for more than 8 hours of use



R10 N95 / FFP1 NR Particulate Respirator

Dual Valved

Protection against:

- ✓ Fine dusts
- ✓ Water and oil based mists

- Dual Valves designed to maximise warm and humid airflow away from the face and help reduce fogging on eye wear
- Colour-coded blue for easy distinction of performance level (N95/FFP1)
- NIOSH N95 and EN FFP1 approved
- Comfort straps

JACKSON SAFETY* Respirators

R30 – R10 Moulded Comfort Strap range

R10 N95 / FFP1 NR Particulate Respirator

Unvalved



Protection against:

- ✓ **Fine dusts**
- ✓ **Water and oil based mists**

- Colour-coded blue for easy distinction of performance level (N95/FFP1)
- NIOSH N95 and EN FFP1 approved
- Comfort straps

R10 N95 / FFP1 NR Particulate Respirator
















Unvalved



Protection against:

- ✓ **Fine dusts**
- ✓ **Water and oil based mists**

- Colour-coded for easy distinction of performance level (N95/FFP1)
- NIOSH N95 and EN FFP1 approved

Description	Code	Color Coding	Case Contents
R30 N99 Particulate Respirator	64520		8 x  x 10  = 80
R20 P95 Particulate Respirator	64420		8 x  x 10  = 80
R10 N95 / FFP1 NR Respirator Dual Valved	64260		8 x  x 10  = 80
R10 N95 / FFP1 NR Respirator Unvalved	64250		8 x  x 20  = 160
R10 N95 Respirator Unvalved	64230		8 x  x 20  = 160