

STEP 1
CHOOSE ACTIVITY
STEP 2
REQUIRED PROTECTION

ACTIVITIES	DESCRIPTION	HARMFUL SUBSTANCES	FFP1	FFP2	FFP3
	HOME REPAIR	Low level of dust	●	○	○
	MANUAL SANDING	Low level of dust	●	○	○
	MANUAL SANDING	Medium level of dust		●	○
	POWER SAWING	Softwood (e.g. pine, spruce, cedar) / Wall board / Parquet / Laminate floor boards		●	○
	DRILLING	Softwood (e.g. pine, spruce, cedar) / Stone / Bricks / Concrete		●	○
	DRILL MIXING	Cement / Tile adhesive		●	○
	POWER TOOLS	Sanding / Grinding / Sawing / Floor sanding		●	○
	POWER TOOLS	Hardwood (e.g. ash, aspen, birch, cherry, elm, mahogany, maple, oak, walnut) / Masonry / Stone / Concrete / Respirable crystalline silica			●
	FLOOR SANDING	Floor sanding power tools			●
	WALL REPAIRING	Fibreglass wall repair			●
	INSULATION	Insulation materials			●
	SANDING	Lead-based paint / Anti-rust paint / Anti-fouling varnish / Stainless steel fibreglass and polyester			●
	OTHER ACTIVITIES	Aerosols (pressure washer) / Dust (garden work) / Feathers, hay, feed (farming)		●	○
		Mould / Fungal spores / Bacteria and viruses / Asbestos ¹			●
		Pollen ²	●	●	●

 RECOMMENDED
SELECTION:

 ALTERNATIVE
SELECTION:

STEP 3
CHOOSE PRODUCT

RECOMMENDED PRODUCTS	DIY SERIES		8812 8710E	9322+ 8822 8810	9332+
	PRO SERIES		9312+ 9310+ 8710E	9322+ 8825+ 8822 8810	9332+

1) Asbestos: Visual inspection, very minor exposures only - seek professional guidance.

2) Pollen: Wearing a respirator mask can reduce pollen intolerance. Selection of mask depends on allergies.

**Safety
Products**

SELECTION GUIDE

DUST AND PARTICLES

STEP 1 CHOOSE ACTIVITY

STEP 2 REQUIRED PROTECTION

ACTIVITIES	DESCRIPTION	HARMFUL SUBSTANCES	FFP1	FFP2	FFP3
	HOME REPAIR	Low level of dust	●	○	○
	MANUAL SANDING	Low level of dust	●	○	○
	MANUAL SANDING	Paint (non-leaded) / Softwood / Hardwood (e.g. ash, alder, birch, cherry, elm, mahogany, maple, oak, walnut)		●	○
	POWER SAWING	Softwood (e.g. pine, spruce, cedar) / Wall board / Parquet / Laminate floor boards		●	○
	DRILLING	Softwood (e.g. pine, spruce, cedar) / Stone / Brick / Concrete		●	○
	DRILL MIXING	Cement / Tile adhesive		●	○
	POWER TOOLS	Paint (non-leaded) / Lacquer / Filler / Softwood (e.g. pine, spruce, cedar) / But / Metal (iron, steel, zinc) / Plastic / Polystyrene		●	○
	POWER TOOLS	Sanding / Grinding / Sawing / Floor sanding			●
	FLOOR SANDING	Floor sanding power tools			●
	WALL REPAIRING	Fibreglass wall repair			●
	INSULATION	Insulation materials			●
	SANDING	Lead based paint / Anti-rust paint / Anti-rust paint / Stainless steel / Fibreglass and polyester			●
	OTHER ACTIVITIES	Aerosols (spray cans) / Dust (garden work) / Feathers, hay, food (darning)		●	○
		Mould / Fungal spores / Bacteria and viruses / Asbestos ¹			●
		Pollutants ²	●	●	●

RECOMMENDED SELECTION:

ALTERNATIVE SELECTION:

STEP 3 CHOOSE PRODUCT

RECOMMENDED PRODUCTS	DIY SERIES		8812 8710E	9322+ 8810	9332+ 8810
	PRO SERIES		9312+ 9310+ 8710E	9322+ 8825+ 8810	9332+

¹ Asbestos: Visual inspection, any minor exposures only – seek professional guidance.

² Pollutants: Wearing a respirator mask can reduce pollen intolerance. Selection of mask depends on allergies.

HOW TO FIND THE RIGHT RESPIRATOR FOR YOUR TASK

STEP 1



CHOOSE ACTIVITY

Look for the type of task you are undertaking (e.g. power sawing).

STEP 2



REQUIRED PROTECTION

See which level of protection is required for your task (e.g. FFP2).

STEP 3



CHOOSE PRODUCT

Find the recommended product for DIY or PRO users.

FFP1

FFP2

FFP3

TYPICAL APPLICATIONS	Low level of fine dust / oil- or water-based mists (hand sanding, drilling and cutting).	Moderate level of fine dust / oil- or water-based mists (plastering, cement, sanding and wood dust).	Higher level of fine dust / oil- or water-based mists (hazardous pharmaceutical powders, biological agents and fibres).
FOR THE PRIVATE USER	<p>3M™ Particulate Respirator*</p> <p>Helps protect against certain particles in concentrations up to 4x workplace exposure limits (WEL). Users must have read all user instructions before use. Misuse may cause injury, severe or life threatening illness.</p> <p>*Use for non-toxic substances.</p>	<p>3M™ Particulate Respirator*</p> <p>Helps protect against certain particles in concentrations up to 10x workplace exposure limits (WEL). Users must have read all user instructions before use. Misuse may cause injury, severe or life threatening illness.</p> <p>*Do not use for hardwood or lead-based paints.</p>	<p>3M™ Particulate Respirator</p> <p>Helps protect against certain particles in concentrations up to 20x workplace exposure limits (WEL). Users must have read all user instructions before use. Misuse may cause injury, severe or life threatening illness.</p>
FOR THE PROFESSIONAL USER	<p>3M™ Particulate Respirator</p> <p>Helps protect against certain particles in concentrations up to 4x workplace exposure limits (WEL). Users must be trained and have read all user instructions. Misuse may cause injury, severe or life threatening illness.</p>	<p>3M™ Particulate Respirator</p> <p>Helps protect against certain particles in concentrations up to 10x workplace exposure limits (WEL). Users must be trained and have read all user instructions. Misuse may cause injury, severe or life threatening illness.</p>	<p>3M™ Particulate Respirator</p> <p>Helps protect against certain particles in concentrations up to 20x workplace exposure limits (WEL). Users must be trained and have read all user instructions. Misuse may cause injury, severe or life threatening illness.</p>
EASY IDENTIFICATION OF THE RESPIRATORS	Identified by YELLOW straps.	Identified by BLUE straps.	Identified by RED straps.

IMPORTANT:

This guide is an outline only. It should not be used as the only means for selecting a respirator. Details regarding performance and limitations are set out on the respirator package and in the user instructions. Before using any of these respirators, the wearer must read and understand the user instructions for each product. Specific country legislation must be observed. Please note that the applications shown highlight some of the

hazards which may be considered. Selection of the most appropriate respiratory protective equipment (RPE) will depend on the particular situation and should be made only by a competent person knowledgeable of the actual working conditions and the limitations of RPE. Read the supplied user instructions before use. Responsibility for the use of right product ultimately lies with the user alone.



Safety Products









STEP 1

CHOOSE ACTIVITY

STEP 2

REQUIRED PROTECTION

SPECIALITY RESPIRATORS

ACTIVITIES		HARMFUL SUBSTANCES	A	ABEK	FFP2	FFP2
	HAND PAINTING	Paint (solvent-based) Paint (water-based) Adhesives (solvent-based) Paint stripper (non-ammonia) White spirit Nitro-dilution	●	●		
	SPRAY PAINTING	Paint	●	●		
	OTHER ACTIVITIES	Marine: polyester, gelcoat Automotive: filler, car paint, underbody protection	●	●		
	USE OF CHEMICALS	Ammonia-based paint stripper Mould remover (chlorine + H ₂ O ₂) Ammonia / Amines Chemicals (sulphur dioxide) Hydrochloric acid		●		
	GARDENING	Organic evaporating pesticides, Liquid manure		●		
	HOUSEHOLD CLEANING	Household cleaners / Spray cleaners Water-based paint Odours (waste, compost, stable, cleaners)			●	
	WELDING	Fine dust, mist, metal fumes and ozone				● UK: Use FFP3 / P3 respirator only

RECOMMENDED
SELECTION:



ALTERNATIVE
SELECTION:



STEP 3

CHOOSE PRODUCT

RECOMMENDED PRODUCTS	DIY SERIES		6002C 4251	4279	9922 (hand painting respirator)	9928 (welding respirator)
	PRO SERIES		6502QLPRO 6002PRO 4255 4251 6055 (filter)	4279 6059 (filter)		

IMPORTANT:

It is extremely important to avoid oxygen deficiency (3M™ definition: percentage of oxygen in the air below 19.5%). This guide is an outline only. It should not be used as the only means for selecting a respirator. Details regarding performance and limitations are set out on the respirator package and in the user instructions. Before using any of these respirators, the wearer must read and understand the user instructions for each product. Specific country legislation must be observed. Please note that the applications shown highlight some of the hazards which may be considered. Selection of the most appropriate respiratory protective equipment (RPE) will depend on the particular situation and should be made only by a competent person knowledgeable of the actual working conditions and the limitations of RPE. Read the supplied user instructions before use. Responsibility for selecting the appropriate product ultimately lies with the user alone.



STEP 1 CHOOSE ACTIVITY

STEP 2 REQUIRED PROTECTION

ACTIVITIES	HARMFUL SUBSTANCES	A	ABEK	SPECIALITY RESPIRATORS
HAND PAINTING	Paint (solvent based) Paint (water based) Antisepics (alcohol based) White spirit Nitro-cellulose	●	●	FFP2 FFP3
SPRAY PAINTING	Paint	●	●	
OTHER ACTIVITIES	Marine polyester, gelcoat Automotive filler, car paint, underbody protection	●	●	
USE OF CHEMICALS	Ammonia based paint stripper Mould remover (hydroxide + H ₂ O ₂) Ammonia / Ammonia Chlorine (chlorine dioxide) Hydrofluoric acid		●	
GARDENING	Organic evaporating pesticides, liquid manure		●	
HOUSEHOLD CLEANING	Household cleaners / Spray cleaners Water-based paint Odours (waste, compost, static, cleaning)			●
WELDING	Fine dust, mist, metal fumes and ozone			UK: Use FFP3/FFP3 respirator only

RECOMMENDED SELECTION:

ALTERNATIVE SELECTION:

STEP 3 CHOOSE PRODUCT

DIY SERIES	6002C 4251	6002C 4251	9922 respirator	9928 respirator
PRO SERIES	6502QLPRO 6002PRO 4255 4251 6055 (filter)	4279 6059 (filter)		

IMPORTANT:
It is extremely important to avoid oxygen deficiency (20% definition: percentage of oxygen in the air below 19.5%). This guide is an outline only. It should not be used as the only means for selecting a respirator. Details regarding performance and limitations are set out in the respirator package and in the user instructions. Before using any of these respirators, the wearer must read and understand the user instructions for each product. Specific country legislation must be observed. Please note that the applications shown highlight some of the hazards which may be considered. Selection of the most appropriate respiratory protection equipment (RPE) will depend on the particular situation and should be made only by a competent person knowledgeable of the actual working conditions and the limitations of RPE. Read the supplied user instructions before use. Responsibility for selecting the appropriate product ultimately lies with the user alone.



HOW TO FIND THE RIGHT RESPIRATOR FOR YOUR TASK

STEP 1

CHOOSE ACTIVITY

Look for the type of task you are undertaking (e.g. hand painting).

STEP 2
A
REQUIRED PROTECTION

See which level of protection is required for your task (e.g. A – organic vapour – brown colour).

STEP 3

CHOOSE PRODUCT

Find the recommended product for DIY or PRO users.

A
ABEK
HAND PAINTING RESPIRATOR
WELDING RESPIRATOR

DEFINITION	A1: Organic vapours, e.g. solvents. A2: Same protection as A1 but with a higher degree of active carbon for longer usage time.	ABEK1: Combination of organic vapours, inorganic vapours, acid gases and ammonia.	Fine dust / oil- or water-based mists. Options for metal fume, ozone and nuisance levels of certain gases and vapours dependent on model.	Fine dust / oil- or water-based mists. Options for metal fume, ozone and nuisance levels of certain gases and vapours dependent on model.
FOR THE PRIVATE USER	3M™ Gas and Vapour Respirator Helps protect against certain organic gases and vapours (bp >65°C) in concentrations up to 10 x WEL or 1000 ppm (whichever is lower). Users must have read all user instructions before use. Misuse may cause injury, severe or life threatening illness.	3M™ Gas and Vapour Respirator Helps protect against certain organic gases and vapours (bp >65°C), certain inorganic gases and vapours, sulphur dioxide, other acid gases and vapours, ammonia and organic ammonia derivatives in concentrations up to 10 x WEL or 1000 ppm (whichever is the lower). Users must have read all user instructions before use. Misuse may cause injury, severe or life threatening illness.	3M™ Particulate Respirator* Helps protect against certain particles and ozone in concentrations up to 10 x workplace exposure limits (WEL) and nuisance level (e.g. <WEL) by organic vapours. Users must have read all user instructions before use. Misuse may cause injury, severe or life threatening illness. *Nuisance odour respirator. Do not use for hardwoods and lead-based paints	3M™ Particulate Respirator Helps protect against certain particles and ozone in concentrations up to 10 x workplace exposure limits (WEL) and nuisance level (e.g. <WEL) by organic vapours. Users must have read all user instructions before use. Misuse may cause injury, severe or life threatening illness.
FOR THE PROFESSIONAL USER	3M™ Gas and Vapour Respirator Helps protect against certain organic gases and vapours (bp >65°C) in concentrations up to 10 x WEL or 1000 ppm (whichever is lower). Users must be trained and have read all user instructions. Misuse may cause injury, severe or life threatening illness.	3M™ Gas and Vapour Respirator Helps protect against certain organic gases and vapours (bp >65°C), certain inorganic gases and vapours, sulphur dioxide, other acid gases and vapours, ammonia and organic ammonia derivatives in concentrations up to 10 x WEL or 1000 ppm (whichever is lower). Users must be trained and have read all user instructions. Misuse may cause injury, severe or life threatening illness.		
EASY IDENTIFICATION	Identified by BROWN label on the filter.	Identified by BROWN, GREY, YELLOW and GREEN label on the filter.		