











Respirator selection guide

PROTECTION	POWERED RESPIRATOR WITH HELMETS	AIR SYSTEMS*	FULL FACE MASKS**	COMPRESSED AIRLINE BREATHING APPARATUS*
Head	✓			
Face and eyes	✓	✓	✓	✓
Hearing	✓			
Respiratory	✓	✓	✓	✓
* Combined with full face mask ** Combined with filter				

Application

 Agriculture	Cleaning stables, pens and coops. Handling and processing grains and fodder	0313216-LI	0324023 0324021	1005006	
	Mixing/spraying pesticides, fungicides and herbicides	0313215 0313219	0324023 0324022	1005006	
	Spraying and weeding using tractor/ service machine	0313215 0313219		1005006	
	Spraying and weeding using knapsack sprayers	0313216-LI			
	Pesticide treatments (vineyards, orchards, cereals, nuts, etc.)	0313214-L8 0313214-L4			
	Pesticide treatments in greenhouses and nurseries	0313218-L8 0313217-LI			
	Disinfestation	0313218-L8 0313214-L4		1005006	
 Asbestos removal or remediation	Removing untreated and dry asbestos cement roofing	0313212-L8 0313217-LI	0324021 0324023	1005009	
	Asbestos management and disposal	0313217-LI	0324023	1005009	
	- Glass production - Vehicle gaskets die cutting	0313212-L8 0313217-LI	0324021 0324022	1005009	0324024
	- Encapsulated friable asbestos removal and/or insulation in buildings or industrial plants. - Removal of vehicle brakes.		0324021 0324023		0324024
	Removal and/or insulation of non encapsulated asbestos in buildings				0324024
 Chemical and pharmaceutical	Production and packaging of cosmetics, paint, and toxic mixtures	0313212-L8 0313220-L8	0324021 0324022		
	Chemical dusts, formulations and pastes	0313212-L8 0313220-L8	0324021 0324022	1005009	
	Biohazardous operations and infectious diseases	0313212-L8 0313220-L8		1005009	0324024
 Construction, building and renovation	Cutting / polishing / grinding / drilling of concrete, stone, masonry	0313217-LI 0313218-L8	0324022	1005009	
	Plaster	0313218-L8	0324022	1005009	
	Painting and surface coating	0313218-L8	0324022	1005009	0324024
	Masonry work and renovations	0313212-L8 0313218-L8	0324022	1005009	
	Controlled demolition	0313217-LI	0324022	1005009	
 Waste management	Refuse handling and disposal	0313214-L8 0313214-L4	0324023 0324021	1005006 1005009	
	Decontamination operations	0313214-L8 0313214-L4	0324023 0324021	1005006 1005009	
	Enviromental services	0313214-L8 0313214-L4	0324023 0324021	1005006 1005009	

Application		POWERED RESPIRATOR WITH HELMETS	AIR SYSTEMS*	FULL FACE MASK**	COMPRESSED AIRLINE BREATHING APPARATUS*
 Metal working	Cutting / grinding / drilling / sanding of metal or rust	0313218-L8 0313220-L8			0324024
	Grinding, deburring, brushing and works with abrasives	0313218-L8 0313220-L8			0324024
	Mechanical machining and scrapping	0313218-L8	0324023 0324021	1005006 1005009	0324024
 Wood working	Cutting / bending / drilling / sanding	0313214-L8	0324023 0324021	1005006 1005009	
	Adhesive removal via scraping and sanding	0313214-L8	0324023 0324021	1005006 1005009	
 Work in confined spaces	Work in closed or tight spaces with an oxygen percentage <17% (wells, silos, traps, drains, chimneys, pits, tunnels etc.)				0324024
 Working with fibreglass and minerals	Blending/mixing and tile laying	0313214-L8	0324023 0324021	1005006 1005009	
	Spraying	0313214-L8	0324023 0324021	1005006 1005009	
	Mineral mining and marble working	0313216-LI 0313217-LI	0324023 0324021	1005006 1005009	
 Maintenance	Disinfection and cleaning with agents containg acids or aldehydes	0313212-L8	0324021	1005006 1005009	
 Painting and Sandblasting	Powder coating and spraying	0313218-L8	0324022	1005006 1005009	
	Spray painting / coating with latex paint	0313218-L8 0313214-L8	0324022	1005006 1005009	0324024
	Wet or dry sandblasting/blasting	0313218-L8 0313214-L8		1005009	0324024

Which protection factor to choose?

NPF 50 up to 50 x TLV	NPF 500 up to 500 x TLV	NPF 1000 up to1000 x TLV	NPF 2000 up to 2000 x TLV
Power assisted filtering devices incorporating helmets - class TH2P	Power assisted filtering devices incorporating helmets - class TH3P	Full face masks with P3 filter	Power assisted filtering devices incorporating full face masks - class TM3P

NPF: Nominal Protection Factor
Theoretical protection level of a respiratory protective device based on performance data measured in a laboratory.

TLV: Threshold Limit Value
Airborne concentration of a substance below which all workers believed to be protected while exposed to it day after day for 8-hour periods.

This guide is only an outline and should not be used as the only means for selecting respiratory protective devices. This catalogue is not exhaustive of all products suitable to any specific requirement. Choosing the most appropriate respiratory protective device depends on the particular situation and the choice needs to be made by a competent person with knowledge of the actual working conditions and the limitations of each respiratory protective device. The respirator selection guide herein is soley indicative and is based on a number of factors such as protection, comfort, battery running time and respirator technical performance. Kasco declines all responsibility for the incorrect choice of any respiratory protective device mentioned herein.