

# RESPIRATORY PROTECTION

## selection guide

This table has been designed to help you select the correct SCAN respirator for a selection of hazards that may be encountered in the occupational area. It should not be used as the only means of selecting a respirator and it does not relieve the employer/user of their duties as described by COSHH and other Health & Safety Executive Regulations. It does not in any way override any recommendations made in the required appropriate COSHH/Risk assessment.

### Minimum Respiratory Requirement to be used Disposable Dust Masks (EN 149)

EN Number	Filter/Class	Allowable Penetration	APF	NPF
<b>EN149</b>	FFP1	20%	4 x OEL	4
	FFP2	6%	10 x OEL	12
	FFP3	1%	20 x OEL	50

**OEL - Occupational Exposure Limit** is the 'Safety' line decided upon by the Health & Safety Executive.

**APF - Assigned Protection Factor** is the level of respiratory protection that can be expected to be achieved in the workplace by 95% of adequately trained and supervised wearers using a properly fitted and functioning respiratory protective device.

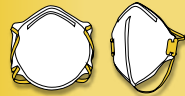
**NPF - Nominal Protection Factor** is the potential maximum protection factor using the maximum percentage inward leakage permitted for a given standard class of respiratory protective device, expressed as a ratio:

$$\frac{100\%}{\% \text{ allowable inward leakage}}$$

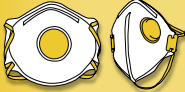


### Mask:

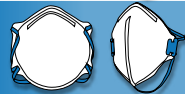
FFP1



FFP1  
Valve



FFP2



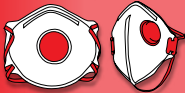
FFP2  
Valve



FFP2  
Odour Valve



FFP3  
Valve



A1  
Respirator



P2  
Respirator



P3  
Respirator

