

CHOOSING THE RIGHT FILTER

PRODUCT FEATURES AND SELECTION TABLES



Assigned Protection Factors

To determine the required APF it is simply a matter of dividing the measured level of concentration by the Workplace Exposure Limit (WEL) that the local legislation allows. This calculation will give a required protection factor, selection is then just to ensure that the APF for the RPE selected is above the Required. If when selecting RPE their is any question, then a quick call to JSP's Technical Helpline on +44(0)1993 826051 will help you solve any queries.

*Assigned Protection Factor (APF)	1/2 or 1/4 Mask Plus Filter	Compressed Air Line	Valved Filtering 1/2 Mask	Filtering 1/2 Mask	Full Face Mask Plus Filter	Powered Filtering Helmets and Hoods
	EN140	EN270	EN405	EN149	EN136	EN12941
APF 4	P1	-	FMP1	FFP1	P1	-
APF 10	P2 Gas X Gas X +P3	-	FMP2 FMGas X FMGas X +P3	FFP2	P2	TH1 All Face-Pieces
APF 20	P3	-	FMP3	FFP3	Gas X Gas X + P3	TH2 All Face-Pieces
APF 40	-	Continuous flow Hood & Faceshield	-	-	P3	TH3 Semi-hood, Hood Blouse, Semi-Blouse

Whether or not a mask/filter/respirator is suitable can be determined by using the following calculation:
 Required protection factor (RPF) = **Measured level of contamination** For example: **RPF = 250mg/m³** There-
 fore:
Exposure limit for contaminate **50mg/m³** **RPF = 5**
 Therefore a respiratory device with an APF of 10 would be required (see shaded row above)
 *Assigned protection factors are for UK requirements, other national requirements.

FORCE12 FULL FACE MASK



FILTER TYPE		
Type	Colour Code	Description
A	Orange	Organic Vapours and Gases with boiling point 65°C and above
B	Grey	Inorganic Vapours and Gases (excluding Carbon Dioxide/Monoxide)
E	Yellow	Sulphur Dioxide and Other Acidic Vapours and Gases
K	Green	Ammonia and Ammonia Derivatives Vapours and Gases
ABEK	White	Combination filter, all of the above
P	White	Dust/Particle

FILTER CLASSIFICATION		
Class	Dust	Gas Vapor
1	Low Efficiency	Low Capacity
2	Medium Efficiency	Medium Capacity
3	High Efficiency	High Capacity

	(A)	(B)	(E)	(K)	(ABEK)	(P)	(A)	(B)	(E)	(K)	(ABEK)	(P)	(A)	(B)	(E)	(K)	(ABEK)	(P)	
F12-120 A2																			
F12-220 B2																			
F12-420 K2																			
F12-123 A2 P3																			
F12-120 ABEK2																			
F12-123 ABEK2P3																			
F12-523 ABE2P3																			
F12-520 AB2P3																			
F12-003 P3																			

FORCE10 FULL FACE TWIN CARTRIDGE MASK



FORCE8 HALF MASK WITH TYPHOON VALVE



CLICK HERE TO FIND OUT ABOUT FACE FIT TESTING

FILTER CLASSIFICATION		
Class	Dust	Gas Vapor
1	Low Efficiency	Low Capacity
2	Medium Efficiency	Medium Capacity
3	High Efficiency	High Capacity

	(A)	(B)	(E)	(K)	(ABEK)	(P)	(A)	(B)	(E)	(K)	(ABEK)	(P)	(A)	(B)	(E)	(K)	(ABEK)	(P)	
F8-002 P2																			
F8-003 P3																			
F8-110 A1																			
F8-120 A2																			
F8-112 A1 P2																			
F8-123 A2 P3																			
F8-510 AB1																			
F8-512 AB1 P2																			
F8-710 ABEK1																			
F8-712 ABEK1P2																			
F8-713 ABEK1 P3																			

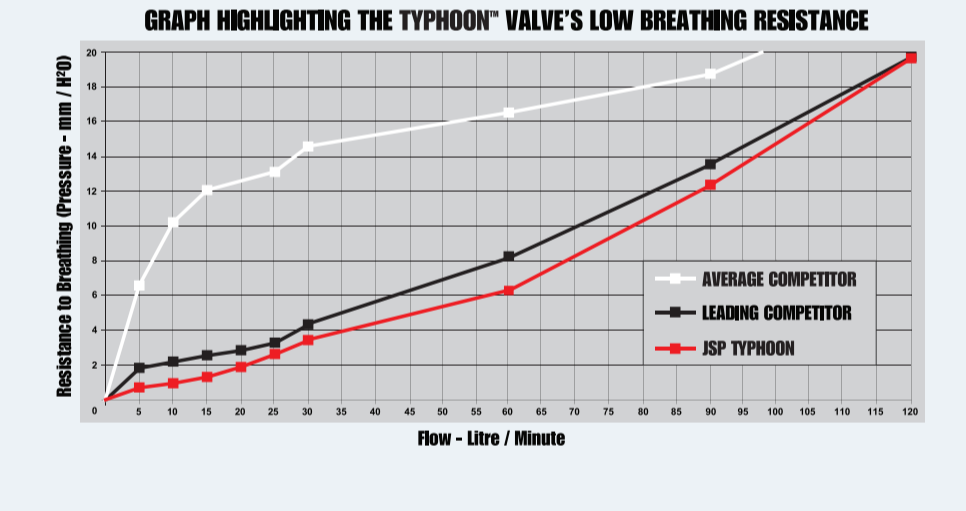
FILTERSPEC DISPOSABLE RESPIRATOR AND SAFETY EYEWEAR COMBINATION UNIT



CLICK HERE TO FIND OUT ABOUT FACE FIT TESTING

RESPIRATOR APPLICATION GUIDE	FMP2	FMP2V	FMP2V (WOODWORKED)	FMP3V	FMP3V (VALVED)
MINIMUM EFFICIENCY	94%	94%	94%	94%	99%
ASSIGNED PROTECTION FACTOR	10	10	10	20	20
NOMINAL PROTECTION FACTOR	12	12	12	48	48
FINE DUSTS					
VERY FINE DUSTS					
FIBRES					
AQUEOUS MISTS					
OIL BASED MISTS					
NUISANCE ODOURS					
ORGANIC VAPOURS (Below WEL)					
BRICK DUST					
CONCRETE					
FERROUS METAL FUME					
FIBRE GLASS					
LEAD FUME					
MDF HAND TOOLS					
MINERAL FIBRES					
PLASTER					
ROCKWOOL					
SANDSTONE					
SILICA					
WELDING					
WOOD SOFT					
WOOD HARD					

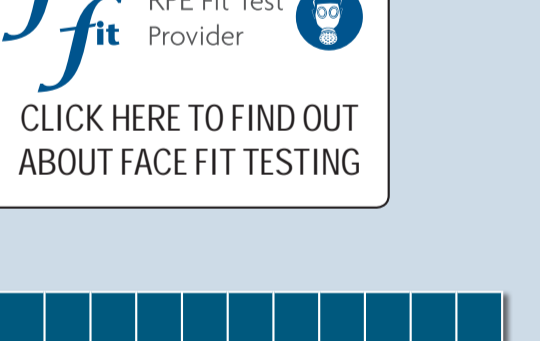
TYPHOON FOLD FLAT MASKS



CLICK HERE TO FIND OUT ABOUT FACE FIT TESTING

	Anti-Clogging (D)	Brick Dust	Concrete	Ferrous Metal Fume	Fibre Glass	Lead Fume	MDF Hand Tools	Mineral Fibres	Plaster	Rockwool	Sandstone	Silica	Welding	Wood Soft	Wood Hard
FFP1V	80%														
FFP2V	94%														
FFP20V	94%														
FFP3V	99%														

FLEXINET DELUXE MOULDED MASKS



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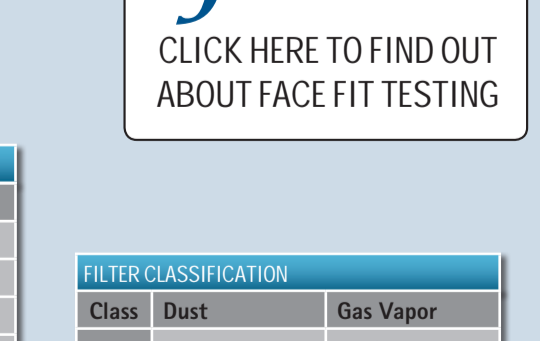
OLYMPUS MOULDED MASKS & FOLDFLAT MASKS



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	Anti-Clogging (D)	Brick Dust	Concrete	Ferrous Metal Fume	Fibre Glass	Lead Fume	MDF Hand Tools	Mineral Fibres	Plaster	Rockwool	Sandstone	Silica	Welding	Wood Soft	Wood Hard
FFP1	80%														
FFP1V	80%														
FFP10V	80%														
FFP2	94%														
FFP2V	94%														
FFP20V	94%														
FFP3V	99%														

VALVE USAGE TABLES



CLICK HERE TO FIND OUT ABOUT FACE FIT TESTING

	(A)	(B)	(E)	(K)	(ABEK)	(P)	(A)	(B)	(E)	(K)	(ABEK)	(P)	(A)	(B)	(E)	(K)	(ABEK)	(P)	
F12-003 P3																			
F12-520 AB2																			
F12-523 AB2P3																			
F12-120 A2																			
F12-220 B2																			
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F12-120 ABEK2																			
F12-123 ABEK2P3																			
F12-523 ABE2P3																			
F12-520 AB2P3																			
F12-003 P3																			

Still need help?
 If you still need help on what filter or mask would best suit you then please feel free to contact our Technical Services Director Matthew Judson or even contact our sales team.
 Technical Services:
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