

ARCO Arco Essentials Filters

Information Sheet

Product Code: 1F2300, 1F2400, 1F2500, 1F2600, 1F2700, 1F2800

For further information:

Arco Ltd, PO Box 21, Waverley Street, Hull, HU1 2SJ

www.arco.co.uk

Tel: 01482 222522 Fax: 01482 28536

The Arco Essentials range is affordable, ethically sourced and safety compliant.

Material

1F2300 - Arco Essentials STS A1 Organic Vapour Filter

1F2400 – Arco Essentials STS K1 Ammonia Filter

1F2500 – Arco Essentials STS A2 Organic Vapour Filter

1F2600 – Arco Essentials STS ABEK1 Filter

1F2700 – Arco Essentials STS P3 Particle Filter

1F2800 - Arco Essentials STS P3RC Combination Particle Filter
(To be used with gas/vapour filter for combined protection)

APF – P3 with a full face mask = 40

APF – P3 with a half mask = 20

APF - Gas or combination filter with a full face mask = 20

APF – Gas or combination filter with a half mask = 10

*All supplied in packs of two for use with either the Arco Essentials twin filter half mask or the Arco Essentials class 1 full face mask respirator.

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Filter Type Guide

Shown below is a guide to the types, applications and efficiency of specific air filters. Before selecting your filter, you **must know the hazards** you are trying to defend against. A particulate filter will have no effect when used with hazardous gases, and a gas filter will have no effect when used with particles. If both are present, combined filters must be used.

Colour	Type	Application	Class	Maximum Concentration
Brown	A	Organic gases and vapours (boiling point >65°C)	1	1000 ml/min ³ (0.1 Vol %)
			2	5000 ml/min ³ (0.5 vol %)
			3	10000 ml/min ³ (1.0 vol %)
Grey	B	Inorganic gases and vapours (not CO) i.e. Chlorine, H ₂ S, HCN.	1	1000 ml/min ³ (0.1 Vol %)
			2	5000 ml/min ³ (0.5 vol %)
			3	10000 ml/min ³ (1.0 vol %)
Yellow	E	Sulphur Dioxide and acidic gases and vapours	1	1000 ml/min ³ (0.1 Vol %)
			2	5000 ml/min ³ (0.5 vol %)
			3	10000 ml/min ³ (1.0 vol %)
Green	K	Ammonia and organic ammonia derivatives	1	1000 ml/min ³ (0.1 Vol %)
			2	5000 ml/min ³ (0.5 vol %)
			3	10000 ml/min ³ (1.0 vol %)
Brown	AX	Organic gases and vapours (boiling point <65°C)	-	gr.1 100 ml/min ³ max 40 min
			-	gr.1 500ml/min ³ max 20 min
			-	gr.2 1000 ml/min ³ max 60 min
			-	gr.2 5000 ml/min ³ max 20 min
Blue and White	NO-P3	Nitrogen Oxides e.g. NO, NO ₂ , NOX	-	Maximum allowed time of use 20 minutes
	Hg-P3	Mercury Vapours	-	Maximum allowed time of use 50 hours
Black	CO	Carbon Monoxide	-	-
Orange	Reactor P3	Radioactive Iodine	-	-
White	P	Particles	1	Efficiency Low
			2	Efficiency medium
			3	Efficiency high