

Filter Type & Colour Code

Colour	Filter Type	Application
Brown	A	Organic gases and vapours (boiling point > 65°C)
Grey	B	Inorganic gases and vapours
Yellow	E	Sulphur dioxide and other acidic gases and vapours
Green	K	Ammonia and organic ammonia derivatives
Brown	AX	Organic gases and vapours (boiling point ≤ 65°C)
White	P	Particles

Class Type of Gas Filters (A, B, E and K*)

Class	Max. Permissible Concentration ²
1	1,000 ppm (0.1 vol.%)
2	5,000 ppm (0.5 vol.%)
3	10,000 ppm (1.0 vol.%)

Class Type of Particle Filters

Class	Filter Efficiency	Maximum Filter Penetration (%)
P1	Low	20
P2	Medium	6
P3	High	0.05

*1 AX filter is not classified.
*2 Modifications may be possible due to national regulations.



Filter Application

Series	Y			CP	CA									
	Particle Filter	Combined Filter	Particle Filter	Particle Filters	Combined Filters (+Gas Filters)		Gas Filters							
Type				P3R	P3R	P2R	P3RC*1	P2RC*1	CA-A1	CA-A2	CA-K1	CA-AX	CA-ABEK1	
Product Name	YP3R	YABEK1P3R	CP-P3R	P3R	P2R	P3RC*1	P2RC*1	CA-A1	CA-A2	CA-K1	CA-AX	CA-ABEK1		
Standard	EN 143 : 2021 AS/NZS 1716 : 2012	EN 14387 : 2021 AS/NZS 1716 : 2012	EN 143:2021 AS/NZS 1716:2012	EN 143:2021 AS/NZS 1716:2012				EN 14387:2021 AS/NZS 1716:2012						
Product Code	40354	40270	40360	40302	40301	41522	41521	40201	40202	40204	40225	40203		
Dia.(mm)	97	102	77	77	77	86	86	82	82	82	82	82		
Height(mm)	40	67	26	21	21	+14.5*2	+14.5*2	24	34	34	44	34		
Weight(g)	≤46	≤250	≤27	≤22	≤22	≤20	≤20	≤55	≤80	≤125	≤130	≤100		
Packing Unit (pcs / box)	10	30	20	20	20	28	28	20	20	20	20	20		
Appearance														
Filter Type & Colour Code	P3	A1 B1 E1 K1 P3	P3	P3	P2	P3	P2	A1	A2	K1	AX	A1 B1 E1 K1		
Compatible Masks	 TS01 See Page 13 RS01SD See Page 15 RS01 See Page 16 FS01 See Page 17 CF01 See Page 18	 TS01 See Page 13 FS01 See Page 17 CF01 See Page 18 FS01 See Page 17		 RS01SD See Page 15 RS01 See Page 16 FS01 See Page 17 CF01 See Page 18		 RS01SD See Page 15 RS01 See Page 16 FS01 See Page 17 CF01 See Page 18								

*1 P3RC and P2RC particle filters can only be used when attaching to gas filters CA Series, and used as combined filters.
*2 *+ shows the additional height when P3RC/P2RC is attached to each gas filters CA Series.