

Description Description Part Number Marking according to EN	MSA Affinity 2110 FFP1 NR D 10128874 EN 149:2001 + A:2009 and EN 1	43:2000+A1:2006	
Conditions of use	Respiratory protection against: -aerosol particles, -water-based aerosols (dust, smoke), -aerosols with liquid dispersed phase (mist) where the concentration of the dispersed phase does not exceed 4 x Permissible Limit Value		HERE AND A DECEMBER OF A DECEMBER
Colour code	green		
Characteristics Weight [g] Width [mm] Height [mm]	8-10 105 175		
Performances		EN 149:2001 requirements	Average values
Breathing Resistance	at 95 l/min	210 Pa	97 Pa
NaCI and paraffin oil penetration test	at 95 I/min		
	sodium chloride [NaCl] paraffin oil	20% 20%	0,5% 1,1%
Dolomite clogging test	D marking		
Material			
Ellevis a second a l	polypropylene		
Filtering material			
Head straps	syntetic latex		
	syntetic latex two metal-wires in plastic cover polyuretane foam		



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Description				
Description	MSA Affinity 2111 FFP1 NR D			
Part Number		10128875		
Marking according to EN	EN 149:2001 + A:2009 and EN 1	43:2000+A1:2006		
Conditions of use	Respiratory protection against:	1		
	-aerosol particles,			
	-water-based aerosols (dust, smoke),			
	-aerosols with liquid dispersed phase (mist) where the concentration of the dispersed phase does not exceed 4 x Permissible Limit Value		Activities a ver	
Colour code	green			
Characteristics				
Weight [g]	12-14			
Width [mm]	105			
Height [mm]	175			
	175			
Performances		EN 149:2001 requirements	Average values	
Breathing Resistance	at 95 l/min	210 Pa	95 Pa	
NoCl and paroffin all panetration test	at OF I/min			
NaCI and paraffin oil penetration test	at 95 l/min			
	sodium chloride [NaCl]	20%	0,6%	
	paraffin oil	20%	1,1%	
	F		.,	
Dolomite clogging test	D marking			
Material				
Filtering material	polypropylene			
Head straps	syntetic latex			
Valve	polypropylene			
Nose clip	two metal-wires in plastic cover			
Nose foam	polyuretane foam			
Details/Special Information				
Storage conditions & time	-20°C to + 40°C, < 90 % r. h.	5,0 years		



Description			
Description	MSA Affinity 2120 FFP2 NR D		
Part Number	10128876		
Marking according to EN	EN 149:2001 + A:2009 and EN 14	43:2000+A1:2006	
Conditions of use	Respiratory protection against: -aerosol particles, -water-based aerosols (dust, smoke), -aerosols with liquid dispersed phase (mist) where the concentration of the dispersed phase does not exceed 10 x Permissible Limit Value		Eccel Manager Celear
Colour code	yellow		
Characteristics Weight [g] Width [mm] Height [mm]	9-11 105 175		
Performances		EN 149:2001 requirements	Average values
Breathing Resistance	at 95 l/min	240 Pa	134 Pa
NaCI and paraffin oil penetration test	at 95 l/min		
	sodium chloride [NaCl] paraffin oil	6% 6%	0,3% 0,7%
Dolomite clogging test	D marking		
Material			
Filtering material	polypropylene		
Head straps	syntetic latex		
Nose clip	two metal-wires in plastic cover		
Nose foam	polyuretane foam		
Details/Special Information			
Storage conditions & time	-20°C to + 40°C, < 90 % r. h.	5,0 years	
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Description			
Description	MSA Affinity 2121 FFP2 NR D		
Part Number	10128877		
Marking according to EN	EN 149:2001 + A:2009 and EN 143:2000+A1:2006		
	EN 149.2001 + A.2009 and EN 143.2000+A1.2000		
Conditions of use	Respiratory protection against: -aerosol particles, -water-based aerosols (dust, smoke), -aerosols with liquid dispersed phase (mist) where the		
	concentration of the dispersed phase does not exceed 10 x Permissible Limit Value		
Colour code	yellow		
Characteristics			
Weight [g]	13-15		
Width [mm]	105		
Height [mm]	175		
Performances		EN 149:2001 requirements	
Breathing Resistance	at 95 l/min	240 Pa	
NaCI and paraffin oil penetration test	at 95 l/min		
	sodium chloride [NaCl]	6%	
	paraffin oil	6%	
		078	
Dolomite clogging test	D marking		
Material			
Filtering material	polypropylene		
Head straps	syntetic latex		
Valve	polypropylene		
Nose clip	two metal-wires in plastic cover		
Nose foam	polyuretane foam		
Details/Special Information			
Storage conditions & time	-20°C to + 40°C, < 90 % r. h.	5,0 years	



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Average values
136 Pa
0,3%
0,8%



Description			
Description	MSA Affinity 2131 FFP3 NR D		
Part Number	10128878		
Marking according to EN	EN 149:2001 + A:2009 and EN 14	3:2000+A1:2006	
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Conditions of use	Respiratory protection against:		
	-aerosol particles,		
	-water-based aerosols (dust, smoke),		
	-aerosols with liquid dispersed pha	ALCONDERSE ST REFERENCES	
	concentration of the dispersed pha	CEser	
	Permissible Limit Value	ase does not exceed 30 x	
Colour code	red		
Characteristics			
Weight [g]	14-16		
Width [mm]	105		
Height [mm]	175		
Performances		EN 149:2001 requirements	Average values
Breathing Resistance	at 95 l/min	300 Pa	232 Pa
NaCI and paraffin oil penetration test	at 95 l/min		
		407	0.040/
	sodium chloride [NaCl]	1%	0,04%
	paraffin oil	1%	0,07%
Dolomite clogging test	D marking		
Material			
Filtering material	polypropylene		
Head straps	syntetic latex		
Valve	polypropylene		
Nose clip	two metal-wires in plastic cover		
Nose foam	polyuretane foam		
Details/Special Information			
Storage conditions & time	-20°C to + 40°C, < 90 % r. h.	5,0 years	
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