Technical Data Sheet

Description			
Description	MSA Affinity 2110 FFP1 NR D		
Part Number	10128874		
Marking according to EN	EN 149:2001 + A:2009 and EN 143:2000+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		
Colour code	green		
Characteristics			
Weight [g]	8-10		
Width [mm]	105		
Height [mm]	175		
Performances		EN 149:2001 requirements	Average values
Breathing Resistance	at 95 l/min	210 Pa	97 Pa
NaCl and paraffin oil penetration test	at 95 l/min		
	sodium chloride [NaCl]	20%	0,5%
	paraffin oil	20%	1,1%
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	

Technical Data Sheet

Description			
Description	MSA Affinity 2111 FFP1 NR D		
Part Number	10128875		
Marking according to EN	EN 149:2001 + A:2009 and EN 143:2000+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		
Colour code	green		
Characteristics			
Weight [g]	12-14		
Width [mm]	105		
Height [mm]	175		
Performances		EN 149:2001 requirements	Average values
Breathing Resistance	at 95 l/min	210 Pa	95 Pa
NaCl and paraffin oil penetration test	at 95 l/min		
	sodium chloride [NaCl]	20%	0,6%
	paraffin oil	20%	1,1%
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	

Technical Data Sheet

Description			
Description	MSA Affinity 2120 FFP2 NR D		
Part Number	10128876		
Marking according to EN	EN 149:2001 + A:2009 and EN 143:2000+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		
Colour code	yellow		
Characteristics			
Weight [g]	9-11		
Width [mm]	105		
Height [mm]	175		
Performances		EN 149:2001 requirements	Average values
Breathing Resistance	at 95 l/min	240 Pa	134 Pa
NaCl and paraffin oil penetration test	at 95 l/min		
	sodium chloride [NaCl]	6%	0,3%
	paraffin oil	6%	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	

Technical Data Sheet

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	
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
NaCl and paraffin oil penetration test	at 95 l/min	
	sodium chloride [NaCl]	6%
	paraffin oil	6%
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



Average values

136 Pa

0,3%
0,8%

Technical Data Sheet

Description			
Description	MSA Affinity 2131 FFP3 NR D		
Part Number	10128878		
Marking according to EN	EN 149:2001 + A:2009 and EN 143:2000+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 Permissible Limit Value	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
NaCl and paraffin oil penetration test	at 95 l/min		
	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	