

Technical Data Sheet

Description				
Description	90 AX			
Part Number	10108408	10108408		
Marking according to EN	AX	AX		
Conditions of use	 organic gases and vapors v low-boiling organic compou of groups 1 and 2 			
Colour code	brown		90 AX 10108408	
labels		AND XXXXX	Gas film Gasline Gas film Gasline Gas film Gasline Film on gas Fil	
NY 14347 AX AXIVES 1714.2003 AX DOTY CN 14347-2006 AX	C € 0121	AX (YYYY/MM	GRI ANADS 1715 (AT 1500 GAI CHAM	
			C€0121	
			110.21	
Characteristics				
Weight [g]	230			
Weight [g] Diameter [mm]	107			
Weight [g] Diameter [mm] Height incl. thread [mm]	107 75			
Weight [g] Diameter [mm]	107			
Weight [g] Diameter [mm] Height incl. thread [mm] Connection	107 75			
Weight [g] Diameter [mm] Height incl. thread [mm]	107 75			
Weight [g] Diameter [mm] Height incl. thread [mm] Connection	107 75	EN 14387 requirements	Typical values	
Weight [g] Diameter [mm] Height incl. thread [mm] Connection	107 75 EN 148 - 1	EN 14387 requirements		
Weight [g] Diameter [mm] Height incl. thread [mm] Connection	107 75 EN 148 - 1		Typical values	
Weight [g] Diameter [mm] Height incl. thread [mm] Connection	107 75 EN 148 - 1	1,40 mbar	Typical values	
Weight [g] Diameter [mm] Height incl. thread [mm] Connection Breathing Resistance	107 75 EN 148 - 1 at 30 l / min 95 l / min	1,40 mbar	Typical values	
Weight [g] Diameter [mm] Height incl. thread [mm] Connection Breathing Resistance Concentration of Testing Gase	107 75 EN 148 - 1	1,40 mbar	Typical values	
Weight [g] Diameter [mm] Height incl. thread [mm] Connection Breathing Resistance Concentration of Testing Gase Class 1	107 75 EN 148 - 1 at 30 I / min 95 I / min	1,40 mbar	Typical values	
Weight [g] Diameter [mm] Height incl. thread [mm] Connection Breathing Resistance Concentration of Testing Gase	107 75 EN 148 - 1	1,40 mbar	Typical values	
Weight [g] Diameter [mm] Height incl. thread [mm] Connection Breathing Resistance Concentration of Testing Gase Class 1 Class 2	107 75 EN 148 - 1 at 30 I / min 95 I / min	1,40 mbar	Typical values	
Weight [g] Diameter [mm] Height incl. thread [mm] Connection Breathing Resistance Concentration of Testing Gase Class 1 Class 2 Performances	107 75 EN 148 - 1 at 30 I / min 95 I / min \$ 1000 ppm [0,1 Vol%] 5000 ppm [0,5 Vol%]	1,40 mbar 5,60 mbar	Typical values 0,90 mbar 3,80 mbar	
Weight [g] Diameter [mm] Height incl. thread [mm] Connection Breathing Resistance Concentration of Testing Gase Class 1 Class 2 Performances Filter type and class	107 75 EN 148 - 1 at 30 I / min 95 I / min 1000 ppm [0,1 Vol%] 5000 ppm [0,5 Vol%]	1,40 mbar 5,60 mbar EN 14387 requirements	Typical values 0,90 mbar 3,80 mbar	
Weight [g] Diameter [mm] Height incl. thread [mm] Connection Breathing Resistance Concentration of Testing Gase Class 1 Class 2	107 75 EN 148 - 1 at 30 I / min 95 I / min \$ 1000 ppm [0,1 Vol%] 5000 ppm [0,5 Vol%]	1,40 mbar 5,60 mbar	Typical values 0,90 mbar 3,80 mbar	

Details/Special Regulations

Material Housing

Filtering material

Against the low boiling compounds of groups 1 and 2 gas filters AX according to EN 14387 must be used. The following maximum
concentrations and usetimes apply:

impregnated activated carbon

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ı	low boiling compounds group	max. concentration [ml/m³]	max. usetime [min]
	1	100	40
	,	500	20
	2	1000	60
ı	2	5000	20

aluminium

- For low boiling compounds of group 3 protection is provided by filters other than AX [e.g. type B or K], for low boiling compounds of group 4 gas filters provide no sufficient protection.
- AX filters may also be used as A2 filters. In this case however, they shall not be used against low boiling compounds.
- Use of AX filters against mixtures of low boiling compounds or mixtures of low boiling compounds and other organic compounds is not permitted because desorption effects max occur.
- Only factory sealed AX filters must be used. Within one work shift [max. 8 hours] repeated use is permitted, provided the maximum usetime, listed in the above table is not exceeded. Further use is not permitted.

storage condition&time 5°C to 50 °C < 90 % r.h.. 6,5 years