



TEST REPORT

Report No.: 70992
Date : 21/11/2025

Customer No.: 8967

Customer: **MATPER SRL**
Via Luciano Chiodo 17
26013 CREMA

CR

Customer Ref. (#): ORD. 74 AMS GROUP SRL

Addressed to (#):

AMS GROUP SRLS

Corso Dante 24,26

66054 VASTO

Italy

CH

Job No.: 251300

Test: MIGRATION TESTING

Test Method: See test details

Ref. Document: Italian Ministerial Decree DM 174/2004 + update / DM 21/3/73 + update

Sample descr. (#): PURAK - ANTI-SCALE MAGNETIC SYSTEM

Sampling: Performed by AMS GROUP SRLS

Date of receipt: 24/10/2025

Test start: 30/10/2025

Test end: 20/11/2025

Note: With reference to the analysed parameters, under the specified test conditions, the tested sample is COMPLIANT with Italian Ministerial Decree 174/2004.

#: Data provided by the customer. The laboratory disclaims all responsibility for the information provided by the customer. Unless otherwise required by standards and technical specifications or agreed with the customer, statements of conformity based on the comparison between results and reference values are reported without taking into account the uncertainty of measurement. In the case of sampling performed by the customer, the results reported in this test report apply to the sample as received. The results reported in this test report refer only to the tested sample. This test report cannot be partially reproduced without a written approval of the laboratory. NS = Not specified; NA = Not applicable.

TEST REPORT

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STAINLESS STEEL PART – BODY AISI 316L (#)

OVERALL MIGRATION

Test:	Overall migration		
Method:	Italian Decree Italian Decree DM 21/3/73 All. IV Sez.1		
Simulant:	Distilled water		
Period:	24h		
Temperature:	40 °C		
Repetition:	Unit	Result	Limit
1	mg/kg	<6	50
Limit:	Italian Decree DM 174/2004 + update/ DM 21-3-73 + update		

SPECIFIC MIGRATION

Test:	Specific migration of metals				
Method:	DM 21/3/73 All. IV Sez.2				
Simulant:	Distilled water				
Period:	24h				
Temperature:	40 °C				
Parameter:	Unit	Repetition			Limit
		1	2	3	
Chromium (Cr)	mg/kg	/	/	<0.01	0.1
Nickel (Ni)	mg/kg	/	/	<0.01	0.1
Manganese (Mn)	mg/kg	/	/	0.01	0.1
Limit:	Italian Decree DM 174/2004 + update/ DM 21-3-73 + update				

Notes:	S/V ration used equal to 6 dm ² /kg of food simulant
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STAINLESS STEEL PART – CAP AISI 316L (#)

OVERALL MIGRATION

Test:	Overall migration		
Method:	Italian Decree DM 21/3/73 All. IV Sez.1		
Simulant:	Distilled water		
Period:	24h		
Temperature:	40 °C		
Repetition:	Unit	Result	Limit
1	mg/kg	<6	50
Limit:	Italian Decree DM 174/2004 + update/ DM 21-3-73 + update		

SPECIFIC MIGRATION

Test:	Specific migration of metals				
Method:	DM 21/3/73 All. IV Sez.2				
Simulant:	Distilled water				
Period:	24h				
Temperature:	40 °C				
Parameter:	Unit	Repetition			Limit
		1	2	3	
Chromium (Cr)	mg/kg	/	/	<0.01	0.1
Nickel (Ni)	mg/kg	/	/	<0.01	0.1
Manganese (Mn)	mg/kg	/	/	0.02	0.1
Limit:	Italian Decree DM 174/2004 + update/ DM 21-3-73 + update				

Notes:	S/V ration used equal to 6 dm ² /kg of food simulat
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STAINLESS STEEL PART – SPRING AISI 316L (#)

OVERALL MIGRATION

Test:	Overall migration		
Method:	Italian Decree DM 21/3/73 All. IV Sez.1		
Simulant:	Distilled water		
Period:	24h		
Temperature:	40 °C		
Repetition:	Unit	Result	Limit
1	mg/kg	<6	50
Limit:	Italian Decree DM 174/2004 + update/ DM 21-3-73 + update		

SPECIFIC MIGRATION

Test:	Specific migration of metals				
Method:	DM 21/3/73 All. IV Sez.2				
Simulant:	Distilled water				
Period:	24h				
Temperature:	40 °C				
Parameter:	Unit	Repetition			Limit
		1	2	3	
Chromium (Cr)	mg/kg	/	/	<0.01	0.1
Nickel (Ni)	mg/kg	/	/	0.01	0.1
Manganese (Mn)	mg/kg	/	/	0.01	0.1
Limit:	Italian Decree DM 174/2004 + update/ DM 21-3-73 + update				

Notes:	S/V ration used equal to 6 dm ² /kg of food simulat
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TEFLON COATING - MAGNET (#)

OVERALL MIGRATION

Test:	Overall migration		
Method:	Italian Decree DM 21/3/73 All. IV Sez.1		
Simulant:	Distilled water		
Period:	24h		
Temperature:	40 °C		
Repetition:	Unit	Result	Limit
1	mg/kg	<6	60
Limit:	EU Reg.10/2011 + update		

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TEFLON COATING - MAGNET (#)

SPECIFIC MIGRATION

Test:	Specific migration of metals				
Method:	UNI EN 13130-1:2005+EPA 6010D Rev.5 2018				
Simulant:	Distilled water				
Period:	24h				
Temperature:	40 °C				
Parameter:	Unit	Repetition			Limit
		1	2	3	
Aluminium (Al)	mg/kg	0.07	/	/	1
Antimony (Sb)	mg/kg	<0.01	/	/	0.04
Arsenic (As)	mg/kg	<0.005	/	/	<0.01
Barium (Ba)	mg/kg	0.09	/	/	1
Cadmium (Cd)	mg/kg	<0.002	/	/	<0.002
Chromium (Cr)	mg/kg	<0.005	/	/	<0.01
Cobalt (Co)	mg/kg	<0.01	/	/	0.05
Copper (Cu)	mg/kg	<0.1	/	/	5
Iron (Fe)	mg/kg	<1	/	/	48
Lead (Pb)	mg/kg	<0.005	/	/	<0.01
Lithium (Li)	mg/kg	<0.005	/	/	0.6
Manganese (Mn)	mg/kg	<0.005	/	/	0.6
Mercury (Hg)	mg/kg	<0.005	/	/	<0.01
Nickel (Ni)	mg/kg	<0.005	/	/	0.02
Zinc (Zn)	mg/kg	0.12	/	/	5
Limit:	EU Reg.10/2011 + update				

Test:	Specific migration of lanthanides				
Method:	UNI EN 13130-1:2005+EPA 6010D Rev.5 2018				
Simulant:	Distilled water				
Period:	24h				
Temperature:	40 °C				
Parameter:	Unit	Repetition			Limit
		1	2	3	
Europium (Eu)	mg/kg	<0.005	/	/	0.05
Gadolinium (Gd)	mg/kg	<0.005	/	/	0.05
Lanthanum (La)	mg/kg	<0.005	/	/	0.05
Terbium (Tb)	mg/kg	<0.005	/	/	0.05
Lanthanides sum	mg/kg	<0.01	/	/	0.05
Limit:	EU Reg.10/2011 + update				

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TEFLON COATING - MAGNET (#)

SPECIFIC MIGRATION

Test:	Specific migration of primary aromatic amines (PAA)		
Method:	UNI EN 13130-1:2005 + BVL LFGB §64 L 00-00-6: 1995/Cor:2002		
Simulant:	Distilled water		
Period:	24h		
Temperature:	40 °C		
Parameter:	Unit	Result	Limit
Primary aromatic amines	mg/kg	<0.002	0.01
Limit:	EU Reg.10/2011 + update		

SPECIFIC MIGRATION OF COLORANTS

Test:	Specific migration colorants		
Method:	Italian Decree DM 21-3-1973 - All. IV - Sez. VII		
Simulant:	Distilled water		
Period:	24h		
Temperature:	40 °C		
Parameter:	Unit	Result	Limit
Transmittance	%	97	>95
Limit:	Italian Decree DM 174/2004 + update/ DM 21-3-73 + update		

Notes:	S/V ration used equal to 6 dm2/kg of food simulant
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TEST REPORT

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RUBBER GASKET (#)

OVERALL MIGRATION

Test:	Overall migration		
Method:	Italian Decree DM 21/3/73 All. IV Sez.1		
Simulant:	Distilled water		
Period:	24h		
Temperature:	40 °C		
Repetition:	Unit	Result	Limit
1	mg/kg	13.8	50
Limit:	Italian Decree DM 174/2004 + update/ DM 21-3-73 + update		

SPECIFIC MIGRATION

Test:	Specific migration of colorants		
Method:	Italian Decree DM 21-3-1973 - All. IV - Sez. VII		
Simulant:	Distilled water		
Period:	24h		
Temperature:	40 °C		
Parameter:	Unit	Result	Limit
Transmittance	%	>98	>95
Limit:	Italian Decree DM 174/2004 + update/ DM 21-3-73 + update		
Notes:	S/V ration used equal to 6 dm ² /kg of food simulant		