

Certificate of Constancy of performance

0051 – CPR – 0420

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

CORRUGATED SAFETY METAL HOSE ASSEMBLIES FOR THE CONNECTION OF DOMESTIC APPLIANCES USING GASEOUS FUELS

Trade Mark: **EMIFLEX**
Model and Type: **see ANNEX**
Characteristics: **see ANNEX**

Produced by:

EMIFLEX S.p.A.

**VIA CUNEO 4/6
20814 VAREDO (MB)**

In the manufacturing plant:

PI.O0007Z

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standards

EN 14800:2007

under system **1** are applied and that

the product fulfills all the prescribed requirements set out above.

This certificate was first issued on 2014-02-10 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.


IMQ
Direttore Tecnico CPR
(Ing. V. Baggio)

Milano, 2014-02-10

This certificate was issued by IMQ S.p.A., a notified body according to Regulation 305/2011/EU.
IMQ S.p.A. Identification Number is: 0051.

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Annex

TO CERTIFICATE OF CONSTANCY OF PERFORMANCE NO: 0051 – CPR – 0420

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Model : EMITEG
Codes : E0781500 + E0781515
Max working pressure: 0.5 bar
Nominal diameter : DN 12
Hose construction: TYPE 1 acc. to EN 14800:2007
Gas type : first, second and third class gases according to EN 437:2003 + A1:2009
Class of reaction to fire: B - s1, d0
Bellows thickness: 0.13-0.14 mm
Fittings construction: Annex A, UNI EN 14800:2007 (figure A.8 A.15); (figure A.3); (figure A.4A.18); (figure A.9 A.13); (figure A.11); (figure A.12)
Standard design length: 500, 750, 1000, 1250, 1500, 2000 mm
Material :
- Corrugated metal hose : AISI 316 L
- Braiding : AISI 304 sp.0.25 mm
- Sheathing : PVC
- Ring : AISI 304
- Nipple : AISI 303
- End fittings : AISI 303
- Gasket : NBR (acc. to EN 549:1996)

Countries of destination : Italy, France, Belgium, Spain, Portugal, Switzerland, Netherlands, Germany, Austria, Sweden, United Kingdom, Ireland.
The usage and installation requirements for the products in question are limited by generally binding National regulations.

Performance characteristics :
- electrostatic behaviour 0,2 Ω /m (resistance \leq 1 Ω /m)
- effectiveness : flow rate 1.76 m³/h
(minimum flow rate \geq 1.5 m³/h)
- permeability : \leq 10 cm³/h
- tightness (in case of fire): 650°C x 30 min.:
leakage rate 125 dm³/h (leakage rate < 150 dm³/h)

Model : EMITEG
Codes : E0791500 + E0791515
Max working pressure: 0.5 bar
Nominal diameter : DN 12
Hose construction: TYPE 1 acc. to EN 14800:2007
Gas type : first, second and third class gases according to EN 437:2003 + A1:2009
+
Class of reaction to fire: B - s1, d0
Bellows thickness: 0.13-0.14 mm
Fittings construction: Annex A (figure A.8 A.15); (figure A.3); (figure A.4 A.18); (figure A.9 A.13); (figure A.11); (figure A.12)
Standard design length: 500, 750, 1000, 1250, 1500, 2000 mm
Material :
- Corrugated metal hose: AISI 304
- Braiding : AISI 304 sp.0.25 mm
- Sheathing : PVC
- Ring : AISI 304
- Nipple : AISI 303
- End fittings : AISI 303
- Gasket : NBR (acc. to EN 549:1996)

Countries of destination : Italy, France, Belgium, Spain, Portugal, Switzerland, Netherlands, Germany, Austria, Sweden, United Kingdom, Ireland.
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Performance characteristics :
- electrostatic behaviour 0,2 Ω /m (resistance \leq 1 Ω /m)
- effectiveness : flow rate 2.02 m³/h
(minimum flow rate \geq 1.5 m³/h)
- permeability : \leq 10 cm³/h
- tightness (in case of fire): 650°C x 30 min.:
leakage rate 125 dm³/h (leakage rate < 150 dm³/h)

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Model : **EMITEG**
Codes : E0801500 + E0801515
Max working pressure: 0.5 bar
Nominal diameter : DN 12
Hose construction: TYPE 1 acc. to EN 14800:2007
Gas type: first, second and third class gases according to EN 437:2003
+ A1:2009
Class of reaction to fire: B - s1, d0
Bellows thickness: 0.13-0.14 mm
Fittings construction: Annex A (figure A.8 A.15); (figure A.3); (figure A.4 A.18);
(figure A.9 A.13); (figure A.11); (figure A.12)
Standard design length: 500, 750, 1000, 1250, 1500, 2000 mm
Material :
- Corrugated metal hose: AISI 321
- Braiding : AISI 304 sp.0.25 mm
- Sheathing : PVC
- Ring : AISI 304
- Nipple : AISI 303
- End fittings: AISI 303
- Gasket : NBR (acc. to EN 549:1996)

Countries of destination : Italy, France, Belgium, Spain, Portugal, Switzerland, Netherlands, Germany, Austria, Sweden, United Kingdom, Ireland.

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Performance characteristics :
- electrostatic behaviour 0,2 Ω/m (resistance $\leq 1 \Omega/m$)
- effectiveness : flow rate 2.33 m³/h
(minimum flow rate $\geq 1.5 \text{ m}^3/\text{h}$)
- permeability : $\leq 10 \text{ cm}^3/\text{h}$
- tightness (in case of fire): 650°C x 30 min.:
leakage rate 125 dm³/h (leakage rate $< 150 \text{ dm}^3/\text{h}$)

Model : **GASTEG**
Codes : GT0781500 + GT0781515
Max working pressure: 0.5 bar
Nominal diameter : DN 12
Hose construction: TYPE 1 acc. to EN 14800:2007
Gas type: first, second and third class gases according to EN 437:2003
+ A1:2009
Class of reaction to fire: B - s1, d0
Bellows thickness: 0.13-0.14 mm
Fittings construction: Annex A (figure A.8 A.15); (figure A.3); (figure A.4 A.18);
(figure A.9 A.13); (figure A.11); (figure A.12)
Standard design length: 500, 750, 1000, 1250, 1500, 2000 mm
Material :
- Corrugated metal hose: AISI 316 L
- Braiding : AISI 304 sp.0.25 mm
- Sheathing : PVC
- Ring : AISI 304
- Nipple : AISI 303
- End fittings : AISI 303
- Swivel nut: NICKEL-PLATED BRASS
- Gasket : NBR (acc. to EN 549:1996)

Countries of destination : Italy, France, Belgium, Spain, Portugal, Switzerland, Netherlands, Germany, Austria, Sweden, United Kingdom, Ireland.

The usage and installation requirements for the products in question are limited by generally binding National regulations

Performance characteristics :
- electrostatic behaviour 0,2 Ω/m (resistance $\leq 1 \Omega/m$)
- effectiveness : flow rate 1.76 m³/h
(minimum flow rate $\geq 1.5 \text{ m}^3/\text{h}$)
- permeability : $\leq 10 \text{ cm}^3/\text{h}$
- tightness (in case of fire): 650°C x 30 min.:
leakage rate 125 dm³/h (leakage rate $< 150 \text{ dm}^3/\text{h}$)

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Model : **GASTEG**
Codes : GT0791500 ÷ GT0791515
Max working pressure: 0.5 bar
Nominal diameter : DN 12
Hose construction: TYPE 1 acc. To EN 14800:2007
Gas type: first, second and third class gases according to EN 437:2003 + A1:2009
Class of reaction to fire: B - s1, d0
Bellows thickness: 0.13-0.14 mm
Fittings construction: Annex A (figure A.8 A.15); (figure A.3); (figure A.4 A.18); (figure A.9 A.13); (figure A.11); (figure A.12)
Standard design length: 500, 750, 1000, 1250, 1500, 2000 mm
Material :
- Corrugated metal hose: AISI 304
- Braiding : AISI 304 sp.0.25 mm
- Sheathing : PVC
- Ring : AISI 304
- Nipple : AISI 303
- End fittings : AISI 303
- Swivel nut: NICKEL-PLATED BRASS
- Gasket : NBR (acc. to EN 549:1996)

Countries of destination : Italy, France, Belgium, Spain, Portugal, Switzerland, Netherlands, Germany, Austria, Sweden, United Kingdom, Ireland.

The usage and installation requirements for the products in question are limited by generally binding National regulations

Performance characteristics :
- electrostatic behaviour 0,2 Ω /m (resistance \leq 1 Ω /m)
- effectiveness : flow rate 2.02 m³/h
(minimum flow rate \geq 1.5 m³/h)
- permeability : \leq 10 cm³/h
- tightness (in case of fire): 650°C x 30 min.:
leakage rate 125 dm³/h (leakage rate < 150 dm³/h)

Model : **GASTEG**
Codes : GT0801500 + GT0801515
Max working pressure: 0.5 bar
Nominal diameter : DN 12
Hose construction: TYPE 1 acc. To EN 14800:2007
Gas type: first, second and third class gases according to EN 437:2003 + A1:2009
+
Class of reaction to fire: B - s1, d0
Bellows thickness: 0.13-0.14 mm
Fittings construction: Annex A (figure A.8 A.15); (figure A.3); (figure A.4 A.18); (figure A.9 A.13); (figure A.11); (figure A.12)
Standard design length: 500, 750, 1000, 1250, 1500, 2000 mm
Material :
- Corrugated metal hose: AISI 321
- Braiding : AISI 304 sp.0.25 mm
- Guaina : PVC
- Ring : AISI 304
- Nipple : AISI 303
- End fittings : AISI 303
- Swivel nut: NICKEL-PLATED BRASS
- Gasket : NBR (acc. to EN 549:1996)

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Countries of destination : Italy, France, Belgium, Spain, Portugal, Switzerland, Netherlands, Germany, Austria, Sweden, United Kingdom, Ireland.

The usage and installation requirements for the products in question are limited by generally binding National regulations

Performance characteristics :

- electrostatic behaviour 0,2 Ω/m (resistance $\leq 1 \Omega/m$)
- effectiveness : flow rate 2.36 m^3/h
(minimum flow rate $\geq 1.5 m^3/h$)
- permeability : $\leq 10 cm^3/h$
- thightness (in case of fire): 650°C x 30 min.:
leakage rate 125 dm^3/h (leakage rate $< 150 dm^3/h$)

VB

This is a translation of the Italian text, which prevails in case of doubts

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