

**DECLARATION OF CONFORMITY
CORROSION OF METALS AND ALLOYS / CORROSIVITY OF ATMOSPHERE**

ISO 9223:2012

This document is a declaration of conformity to the ISO9223:2012 norm for
REFFLEX[®] thermoplastic flexible hoses and fittings.

Manufactured in commission by REFFLEX[®] International B.V., REFFLEX[®] hoses are to be used as a connection between pressure gauges, pressure switches, pressure test points, oil return line and for equalisation systems in commercial refrigeration and heat pump units.

ISO 9223:2012 establishes a classification system for the corrosivity of atmospheric environments and is tested conform ISO 12944-6.

The test has been performed on the following REFFLEX[®] products:

- **DN2 hose with socket copper pipe and aluminium crimp**

The tested DN2 fitting can be classified as:

| | | |
|-----------------------------|-----------------|------------|
| Corrosion category ISO 9223 | : C3 | C4 |
| Durability range | : Medium | Low |

REFFLEX[®] products were tested by M2Lab (Netherlands) in August 2022, reported with test certificate 220009-5, dated 10 October 2022. Full test results available upon request.

REFFLEX[®] International B.V.
Roald Tichelaar
Managing director

Rotterdam, 1 September 2025



TESTCERTIFICATE

| | |
|-------------------------|--|
| Certificate no. | C220009-5 |
| Date | 10-10-2022 |
| Customer | Refflex international |
| Tested materials | Socket cupper pipe |
| Performed test | performance tests according to ISO 12944-6 Corrosion category ISO 9223 : C3 Durability range : Medium |
| Report | R220009 Socket cupper pipe |
| Results | Only superficial corrosion has been observed on the Socket |
| Conclusion | The sample Socket cupper pipe with project number 220009 shows only superficial corrosion after the performance tests according to ISO 12944-6 C3 Medium, Regime 1 |



R. Brakenhoff
Laboratory manager

