

**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 brass fitting and crimp with forged brass nut**

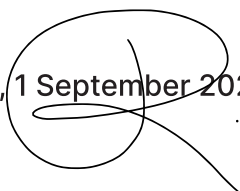
The tested DN2 fitting can be classified as:

Corrosion category ISO 9223	: C3	C4	C5
Durability range	: Very high	High	Medium

REFFLEX[®] products were tested by M2Lab (Netherlands) in August 2022, reported with test certificate 220133-1, dated 20 September 2022. Full test results available upon request.

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

Rotterdam, 1 September 2025



TESTCERTIFICATE

Certificate no.	C220133-1
Date	20-09-2022
Customer	Refflex international
Tested materials	DN2-MESSING (grey)
Performed test	performance tests according to ISO 12944-6 Corrosion category ISO 9223 : C4 Durability range : High
Report	R220133 Refflex International BV DN2
Results	Only superficial corrosion has been observed on the Socket
Conclusion	The sample DN2-MESSING (grey) with project number 220133 shows only superficial corrosion after the performance tests according to ISO 12944-6 C4 High, Regime 1



R. Brakenhoff
Laboratory manager

