

**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 testcertificates 220009-5, dated 10 October 2022. Full test results available upon request.

REFFLEX[®] International B.V.

Roald Tichelaar
C.E.O.

Rotterdam, 10 October 2022



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

