

**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[®] product:

DN2 hose with galvanised T-socket, aluminium crimps and forged brass nut

The tested DN2 fitting can be classified as:

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

REFFLEX[®] products were tested by M2Lab (Netherlands) in August 2022, reported with testcertificate 220009-4, 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.	C220009-4
Date	10-10-2022
Customer	Refflex international
Tested materials	DN 2 T-sockets (galvanized)
Performed test	performance tests according to ISO 12944-6 Corrosion category ISO 9223 : C5 Durability range : High
Report	R220009 DN 2 T-sockets (galvanized)
Results	Overall superficial corrosion has been observed on the Socket
Conclusion	The sample DN 2 T-sockets (galvanized) with project number 220009 shows overall superficial corrosion after the performance tests according to ISO 12944-6 C5 High, Regime 1



R. Brakenhoff
Laboratory manager

