

**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:

DN5 hose with black steel RVS303 fitting and crimp and forged brass nut

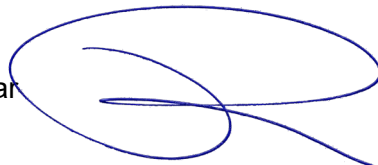
The tested DN5 fitting can be classified as:

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 testcertificates 220133-2, dated 20 September 2022. Full test results available upon request.

REFFLEX® International B.V.

Roald Tichelaar
C.E.O.



Rotterdam, 30 September 2022

TESTCERTIFICATE

Certificate no.	C220133-2
Date	20-09-2022
Customer	Refflex international
Tested materials	DN5 RVS303 black steel
Performed test	performance tests according to ISO 12944-6 Corrosion category ISO 9223 : C4 Durability range : High
Report	R220133 Refflex International BV DN5
Results	Only superficial corrosion has been observed on the Socket
Conclusion	The sample DN5 RVS303 black 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

