

**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 RVS 430F fitting and RVS 430F screw type

The tested DN5 fitting can be classified as:

Corrosion category ISO 9223	: C2	C3
Durability range	: High	Medium

REFFLEX® products were tested by M2Lab (Netherlands) in August 2022, reported with testcertificate 220009-1, 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.	C220009-1
Date	10-10-2022
Customer	Refflex international
Tested materials	DN 5 RVS AISI-430F nut
Performed test	performance tests according to ISO 12944-6 Corrosion category ISO 9223 : C2 Durability range : High
Report	R220009 DN 5 RVS AISI-430F nut
Results	Only superficial corrosion has been observed on the Socket
Conclusion	The sample DN 5 RVS AISI-430F nut with project number 220009 shows only superficial corrosion after the performance tests according to ISO 12944-6 C2 High, Regime 1



R. Brakenhoff
Laboratory manager

