

DECLARATION OF CONFORMITY AMMONIA RESISTANCE TEST

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.

M2LAB has tested the REFFLEX[®] DN-5.0 NH3 tube in combination with DN-5.0 Stainless steel 316 fittings for resistance to long NH3 (Ammonia) exposure during 1.000 hours at a 40°C.

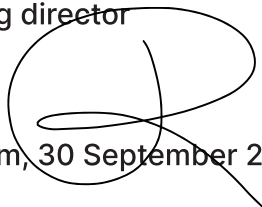
The test has been performed on the following REFFLEX[®] products:

- **DN-5.0 NH3 hose with steel RVS316 fitting and crimp and forged brass nut**

The tested DN-5.0 solution showed no signs of influence from the long exposure to ammonia at 40°C for the duration of 1.000 hours.

REFFLEX[®] products were tested by M2Lab (Netherlands) in August 2025, reported with test certificate R250211-01, dated 10 September 2025. Full test results available upon request.

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



Rotterdam, 30 September 2025



TESTCERTIFICATE

Certificate no.	C250211-01
Date	23-10-2025
Customer	Refflex International B.V.
Tested materials	Refflex for CO ₂ and NH ₃
Performed test	Custom ammonia exposure cycle of 1000 hours at 40°C.
Report	R250211-01 Refflex International B.V. Rev.1
Results	No corrosion has been found on the inside areas exposed to ammonia on both samples
Conclusion	The samples 250211-01-01 and 250211-01-02 are found to not exhibit visible corrosion after having their inside surface exposed to ammonia for 1000 hours at 40 °C.



V. Chamuleau
Laboratory technician