ISO 8789:2020-01 (E)

Rubber hoses and hose assemblies for liquefied petroleum gas in motor vehicles - Specification

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Materials and construction 2
4.1 Materials 2
4.2 Construction 2

5 Dimensions and tolerance 2
5.1 Inside diameter 2
5.2 Minimum bending radii 2
5.3 Concentricity 2
5.4 Length 3

6 Physical properties of rubber compounds 3

7 Performance requirements 3
7.1 General 3
7.2 Visual examination 3
7.3 Finished hose and hose assemblies 3

8 Requirements for fittings 4
8.1 Fitting material 4
8.2 Fitting description 4

9 Requirements for hose assemblies 4
9.1 Leakage test 4
9.2 Minimum burst pressure, proof pressure and permeability to propane 4
9.3 Visual examination 4

10 Frequency of testing 5

11 Marking 5
11.1 Hose marking 5
11.2 Hose assembly marking 5

Annex A (normative) Test frequency for type tests and routine tests 7

Annex B (informative) Production acceptance tests 8

Annex C (informative) Recommendations for lengths of supplied hoses and tolerances on lengths of hose assemblies 9