ISO 6806:2024-05 (E)

Rubber hoses and hose assemblies for use in oil burners - Specification

Contents

Page

Foreword iv

1 Scope 1

2 Normativereferences 1

3 Termsanddefinitions 1

4 Construction 2

5 Dimensionsandtolerances 2
5.1 Inside diameter 2
5.2 Bend radii 2
5.3 Thickness of lining and cover 2

6 Physicalrequirementsforliningandcover 3

7 Physicalrequirementsforhosesandhoseassemblies 3
7.1 Hydrostatic tests 3
7.1.1 Proof pressure test 3
7.1.2 Burst pressure test 3
7.2 Oil swell 3
7.3 External pressure test 3
7.4 Low-temperature flexibility 4
7.5 Flammability 4
7.6 Ozone resistance (cover only) 4
7.7 Impulse test 4

8 Frequencyoftesting 4

9 Typetests 4

10 Marking 4

Annex A (normative)Testfrequency 6

Annex B (informative)Productiontests 7

Annex C (normative)Determinationofoilswell 8

Annex D (normative)Determinationofresistancetoexternalpressure 9

Annex E (normative)Determinationofflammability 11

Annex F (normative)Pressureimpulsetest 13

Bibliography 14