DIN EN ISO 6806:2024-09 (E)

Rubber hoses and hose assemblies for use in oil burners - Specification (ISO 6806:2024)

Contents

Page

European foreword ... **3**

Foreword ... **4**

1 Scope ... **5**

2 Normative references ... **5**

3 Terms and definitions ... **5**

4 Construction ... **6**

5 Dimensions and tolerances ... **6**
5.1 Inside diameter ... 6
5.2 Bend radii ... 6
5.3 Thickness of lining and cover ... 6

6 Physical requirements for lining and cover ... **7**

7 Physical requirements for hoses and hose assemblies ... **7**
7.1 Hydrostatic tests ... 7
7.1.1 Proof pressure test ... 7
7.1.2 Burst pressure test ... 7
7.2 Oil swell ... 7
7.3 External pressure test ... 7
7.4 Low-temperature flexibility ... 7
7.5 Flammability ... 8
7.6 Ozone resistance (cover only) ... 8
7.7 Impulse test ... 8

8 Frequency of testing ... **8**

9 Type tests ... **8**

10 Marking ... **8**

Annex A (normative) **Test frequency** ... **9**

Annex B (informative) **Production tests** ... **10**

Annex C (normative) **Determination of oil swell** ... **11**

Annex D (normative) **Determination of resistance to external pressure** ... **12**

Annex E (normative) **Determination of flammability** ... **14**

Annex F (normative) **Pressure impulse test** ... **16**

Bibliography ... **17**