# DIN EN ISO 8469:2021-06 (E)

## Small craft - Non-fire-resistant fuel hoses (ISO 8469:2021)

## Contents

Page


**European foreword** ... **3**

**Annex ZA** (informative) **Relationship between this European Standard and the essential requirements of Directive 2013/53/EU aimed to be covered** ... **4**

**Foreword** ... **5**

**1 Scope** ... **6**

**2 Normative references** ... **6**

**3 Terms and definitions** ... **6**

**4 General requirements** ... **7**

**5 Hose inner diameter** ... **7**

**6 Physical tests on finished hose** ... **8**

6.1 General ... 8
6.2 Test liquids ... 8
6.3 Bursting pressure ... 8
6.4 Vacuum collapse test ... 8
6.5 Volume change in test liquids ... 8
6.6 Mass reduction of test hose ... 9
6.7 Effect of ozone ... 9
6.8 Fuel permeation ... 9
6.9 Cold flex test ... 9
6.10 Abrasion test ... 9
6.11 Dry heat resistance test ... 10
6.12 Oil resistance test ... 10
6.13 Adhesion test ... 10

**7 Marking** ... **10**

**Annex A** (normative) **Fuel permeation test** ... **11**

**Bibliography** ... **13**