

ISO 7840:2021 (E)

Small craft — Fire-resistant fuel hoses

Contents

| | |
|---------|----------------------------------|
| | Foreword |
| 1 | Scope |
| 2 | Normative references |
| 3 | Terms and definitions |
| 4 | General requirements |
| 5 | Hose inner diameter |
| 6 | Physical tests on finished hose |
| 6.1 | General |
| 6.2 | Test liquids |
| 6.3 | Bursting pressure |
| 6.4 | Vacuum-collapse test |
| 6.5 | Volume change in test liquids |
| 6.6 | Mass reduction of test hose |
| 6.7 | Fire resistance |
| 6.8 | Effect of ozone |
| 6.9 | Fuel permeation |
| 6.10 | Cold-flex test |
| 6.11 | Abrasion test |
| 6.12 | Dry heat resistance |
| 6.13 | Oil resistance test |
| 6.14 | Adhesion test |
| 7 | Marking |
| Annex A | (normative) Fire test |
| A.1 | Principle |
| A.2 | Sampling |
| A.3 | Equipment |
| A.4 | Test procedure |
| A.4.1 | Preparation |
| A.4.2 | Test |
| Annex B | (normative) Fuel permeation test |
| B.1 | Principle |
| B.2 | Sampling |
| B.3 | Equipment |
| B.4 | Test procedure |

Page count: 10