

DIN EN ISO 7840:2013-12 (E)

Small craft - Fire-resistant fuel hoses (ISO 7840:2013)

Contents		Page
Foreword	3
1	Scope	4
2	Normative references	4
3	General requirements	4
4	Nominal bore	4
5	Physical tests on finished hose	5
5.1	General	5
5.2	Test liquids	5
5.3	Bursting pressure	5
5.4	Vacuum-collapse test	6
5.5	Volume change in test liquids	6
5.6	Mass reduction of test hose	6
5.7	Fire resistance	6
5.8	Effect of ozone	6
5.9	Fuel permeation	6
5.10	Cold-flex test	7
5.11	Abrasion test — 38 mm and larger fuel-fill hose with helical wire embedded reinforcement	7
5.12	Dry heat resistance	7
5.13	Oil resistance test	7
5.14	Adhesion test	7
6	Marking	7
Annex A (normative) Fire test		9
Annex B (normative) Fuel permeation test (or equivalent test method)		11
Annex ZA (informative) Relationship between this Standard and the Essential Requirements of EU Directive 94/25/EC as amended by Directive 2003/44/EC		13
Bibliography		14