

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