

Rubber hoses and hose assemblies — Rubber-covered spiral wire reinforced hydraulic type — Specification

The European Standard EN 856 : 1996 has the status of a British Standard

ICS 23.040.70

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee PRI/66, Rubber and plastics tubing, hoses and hose assemblies, upon which the following bodies were represented:

- Association of Metropolitan Authorities
- British Coal Corporation
- British Compressed Gases Association
- British Rubber Manufacturers' Association Ltd.
- Chief and Assistant Chief Fire Officers' Association
- Energy Industries Council
- Fire Extinguishing Trades Association
- Home Office
- London Fire and Civil Defence Authority
- Ministry of Defence
- RAPRA Technology Ltd.
- Society of Motor Manufacturers and Traders Limited

The following body was also represented in the drafting of the standard, through subcommittees and panels:

- British Fluid Power Association

This British Standard, having been prepared under the direction of the Sector Board for Materials and Chemicals, was published under the authority of the Standards Board and comes into effect on 15 May 1997

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The following BSI references relate to the work on this standard:
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Amendments issued since publication

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Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
Text of EN 856	3

National foreword

This British Standard has been prepared by Technical Committee PRI/66 and is the English language version of EN 856 : 1996 *Rubber hoses and hose assemblies — Rubber-covered spiral wire reinforced hydraulic type — Specification*, published by the European Committee for Standardization (CEN).

It supersedes BS 4586 : 1992 which is withdrawn.

EN 856 : 1996 has been approved by CEN member bodies under the weighted voting procedures introduced in 1988 to coincide with the introduction of the ‘New Approach’ Directives from the Commission of the European Community.

Cross-references

Publication referred to	Corresponding British Standard
EN 24671 : 1993	BS EN 24671 : 1993 <i>Rubber and plastics hose and hose assemblies. Methods of measurement of dimensions</i>
EN 24672 : 1993	BS EN 24672 : 1993 <i>Rubber and plastics hoses. Sub-ambient temperature flexibility tests</i>
EN 27326 : 1993	BS EN 27326 : 1993 <i>Rubber and plastics hoses. Assessment of ozone resistance under static conditions</i>
EN 28033 : 1993	BS EN 28033 : 1993 <i>Rubber and plastics hose. Determination of adhesion between components</i>
EN ISO 1402 : 1996	BS EN ISO 1402 : 1997 <i>Rubber and plastics hoses and hose assemblies — Hydrostatic testing</i>
EN ISO 6945 : 1996	BS EN ISO 6945 : 1996 <i>Rubber hoses — Determination of abrasion resistance of its outer cover</i>
ISO 1817 : 1985	BS 903 <i>Physical testing of rubber</i>
ISO 6743-4 : 1982	Part A16 : 1987 <i>Determination of the effect of liquids</i> BS 6413 <i>Lubricants, industrial oils and related products (class L)</i>
ISO 6803 : 1994	Part 4 : 1983 <i>Classification for family H (hydraulic systems)</i> BS ISO 6803 : 1996 <i>Rubber and plastics hoses and hose assemblies — Hydraulic-pressure impulse test without flexing</i>

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 8, an inside back cover and a back cover.

ICS 23.040.70

Descriptors: Rubber hoses, hoses, armatures, wire, hydraulic systems, hydraulic fluids, specifications, dimensions, dimensional tolerances, tests, marking

English version

Rubber hoses and hose assemblies — Rubber-covered spiral wire reinforced hydraulic type — Specification

Tuyaux et flexibles en caoutchouc — Type
hydraulique avec armature hélicoïdale de fils
métalliques — Spécification

Gummischläuche und -schlauchleitungen —
Hydraulikschläuche mit Drahtspiraleinlage —
Spezifikation

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