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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 20041.22-2009

**Conduit systems for cable management -- Part 22: Particular
requirement -- Pliable conduit systems**

电缆管理用导管系统 第22部分：可弯曲导管系统的特殊要求

(English Translation)

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Foreword

All technical content in this section is mandatory.

GB 20041 "Conduit systems for cable management" is divided into two parts.

--- Part 1. General requirements (GB/T 20041.1)

--- Part 2. Particular requirements (GB 20041.21 ~ 20041.24) - Part 21. Particular requirements for rigid conduit systems - Part 22. Particular requirements for flexible conduit systems - Part 23. Particular requirements for flexible conduit systems - Part 24. Particular requirements for conduit systems buried underground this section of Part 22 GB 20041. This section should be GB/T 20041.1-2005 used in conjunction.

This section identical with IEC 61386-22:2002 (first edition) "cable management - Part 22 catheter system. special flexible catheter Specific requirements. " this section of the Appendix A, Appendix B is a normative appendix.

This part is proposed by the China Electrical Equipment Industrial Association.

This part of the National Standardization Technical Committee electrical accessories.

This section drafted by. China Electric Apparatus Research Institute, Foshan Gaoming Gu Plastic Co., Ltd. Hangzhou Hongyan Electric Co., Ltd., Guangdong Exit Inspection and Quarantine, Guangdong Science and Technology Industrial Co., Ltd. Liansu.

1 Scope

GB/T 20041.1-2005 after this chapter apply for the following modifications.

increase.

GB 20041 of the provisions of this part of the flexible catheter system (including self-recovery conduit system) requirements.

2 Normative references

The following documents contain provisions which, through reference in this text, constitute provisions of this part. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this section, however, encourage the parties to this part of the research agreement Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 20041.1-2005 this chapter apply.

3 Definitions

GB/T 20041.1-2005 this chapter apply.

4 General requirements

GB/T 20041.1-2005 this chapter apply.

5 General conditions for tests

GB/T 20041.1-2005 this chapter apply.

Category 6

GB/T 20041.1-2005 of this chapter applies, except as follows.

6.1.11), 6.1.21), 6.1.31), 6.1.34), 6.1.41), 6.1.41) and 6.1.51) Not applicable .

7 Marking and documentation

GB/T 20041.1-2005 after this chapter apply for the following modifications.

increase.

7.1.101

conduit should be identified in accordance with the requirements of 7.1. Logo should at regular intervals along the full length of the catheter, the most suitable interval of 1m but not more than 3m, when the technology can not be implemented in the case of identity may mark the end of the attached product label or packaging.

Compliance is checked by inspection.

7.1.102

The manufacturer shall provide a minimum inner diameter of the document and in accordance with Chapter 6 Category Description of catheter system.

Compliance is checked by inspection.

Size 8

Alternative.

8.1 Threads shall comply with GB/T 17194 requirements.

GB 20041.22-2009/IEC 61386-22:2002 Non-metallic outer diameter of the catheter should be consistent with GB/T 17194 standard requirements.

If the metal and composite conduit designed to only rely on having installed in line with GB/T 17194 standard requirements for screw termination with catheter Member, the outer diameter need not comply with GB/T 17194 standard requirements.

Compliance is checked by compliance with GB/T 17194 stipulated gauge.

8.2 In addition to terminating conduit fittings, the thread can be formed conduit and conduit fittings shall comply with the requirements of the table 101. In addition to the declared tensile strength Catheter system accessories, the formation of non-threaded pipe fittings shall comply with the requirements of the table 102. The manufacturer shall declare the minimum inner diameter of the catheter system.

Compliance is checked by measurement.

Table 101 thread length

size

Threaded thread

Minimum length

Minimum length

10.5

12.5

14.0

17.0

19.0

19.0

19.0

19.0

19.0

11.5

13.5

15.0

18.0

20.0

20.0

20.0

20.0

20.0

Table 102 into the maximum diameter and the minimum length specification entered
size

Threaded thread

Enter the maximum diameter mm Enter the minimum length mm 6.5 8.5 10.5 12.5 16.5
20.5 25.5 32.6 40.7 50.8 63.9 75.9 6.0 8.0 10.0 12.0 16.0 20.0 25.0 30.0 32.0 42.0 50.0
50.0 GB 20041.22-2009/IEC 61386-22:2002

9 Structure

GB/T 20041.1-2005 this chapter apply.