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

**中华人民共和国国家标准**

GB/T 5023.3-2008  
Replace GB 5023.3-1997

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**Polyvinyl chloride insulated cables of rated voltages up to  
and including 450/750V - Part 3: Non-sheathed cables for  
fixed wiring**

**额定电压 450/750V 及以下聚氯乙烯绝缘电缆  
第 3 部分：固定布线用无护套电缆**

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China**

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# **Polyvinyl chloride insulated cables of rated voltages up to and including 450/750V - Part 3: Non-sheathed cables for fixed wiring**

## **1 General**

### **1.1 Scope**

This part of GB/T 5023 details the particular specifications for polyvinyl chloride insulated single-core non-sheathed cables for fixed wiring of rated voltages up to and including 450/750V.

All cables shall comply with the appropriate requirements given in GB/T 5023.1, and the individual types of cables shall each comply with the particular requirements of this part.

### **1.2 Normative references**

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

GB/T 2951.11-2008 *Common test methods for insulating and sheathing materials of electric and optical cables - Part 11: Methods for general application - Measurement of thickness and overall dimensions - Tests for determining the mechanical properties* (IEC 60811-1-1: 2001, IDT)

GB/T 2951.12-2008 *Common test methods for insulating and sheathing materials of electric and optical cables - Part 12: Methods for general application - Thermal ageing methods* (IEC 60811-1-2: 2001, IDT)

GB/T 2951.14-2008 *Common test methods for insulating and sheathing materials of electric and optical cables—Part 14: Methods for general application—Test at low temperature* (IEC 60811-1-4: 2001, IDT)

GB/T 2951.31-2008 *Common test methods for insulating and sheathing materials of electric and optical cables—Part 31: Methods specific to PVC compounds—Pressure test at high temperature—Test for resistance to cracking* (IEC 60811-3-1: 1985, IDT)

GB/T 2951.32-2008 *Common test methods for insulating and sheathing materials of electric and optical cables—Part 32: Methods specific to PVC compounds—Loss of mass*

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