

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

### AMENDMENT 1 AMENDEMENT 1

**Flexible insulating sleeving –  
Part 3: Specifications for individual types of sleeving – Sheet 247:  
Heatshrinkable, polyolefin sleeving, dual wall, not flame retarded, thick and  
medium wall**

**Gaines isolantes souples –  
Partie 3: Spécifications pour types particuliers de gaines – Feuille 247: Gaines  
thermorétractables en polyoléfine, à double paroi (épaisse et moyenne), non  
retardées à la flamme**



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## FOREWORD

This amendment of IEC 60684-3-247 has been prepared by IEC technical committee 15: Solid electrical insulating materials.

The text of this amendment is based on the following documents:

|            |                  |
|------------|------------------|
| CDV        | Report on voting |
| 15/754/CDV | 15/790/RVC       |

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

## Introduction

*Add the following text at the end of the existing Introduction:*

Amendment 1 to IEC 60684-3-247 changes the requirements for peel strength. Major problems have been experienced with reliability and repeatability of results when selecting cable jackets of material types PE, PVC and EPR. The method requires conditioning at 150 °C, so careful selection of cable jackets that have a minimum rating exceeding this temperature is essential. Even when cables that exceed this temperature are selected experience has shown reproducible adhesive peel forces are difficult to achieve. While it is appreciated that these cable jackets are used with this type of sleeveings as recovery of the sleeving is normally achieved by either flame or hot air devices. This means of recovery could be inserted into the method, but extensive testing has shown reproducibly of adhesive peel forces still to be major problem. Due to these issues of lack of reliability and repeatability these substrates have been removed. Lead has also been removed due to health and safety reasons. Additional text has been included to aid clarification of the method that deviates from Clause 54 of IEC 60684-2:2011.

## 6 Sleeving conformance

*Add, after the indication "Type B: Recovered ID 25 mm – 30 mm", the following paragraph as a last sentence to Clause 6:*

For the peel strength test, select a size to comply with the dimensions as detailed under remarks in Table 1.

### Table 1 – Property requirements

*Replace the existing text of the two last rows as well as Notes 1 and 2 of this table by the following (the column headers are repeated here for information):*