



JAPANESE
INDUSTRIAL
STANDARD

Translated and Published by
Japanese Standards Association

JIS Z 1534 : 1999

Heavy duty polyethylene sacks

ICS 55.080

Descriptors : heavy-duty, packaging, polyethylene, bags, size

Reference number : JIS Z 1534 : 1999 (E)

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently **JIS Z 1534 : 1995** is replaced with **JIS Z 1534 : 1999**.

In this revision, the Standard has been shifted from dimension standard to product standard and also the conformity with the standard of **ISO**, such as test method and so on, has been intended as much as possible.

Date of Establishment: 1970-09-01

Date of Revision: 1999-08-20

Date of Public Notice in Official Gazette: 1999-08-20

Investigated by: Japanese Industrial Standards Committee
Divisional Council on Consumer Life

JIS Z 1534:1999, First English edition published in 2002-04

Translated and published by: Japanese Standards Association
4-1-24, Akasaka, Minato-ku, Tokyo, 107-8440 JAPAN

In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

© JSA 2002

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

Printed in Japan

Heavy duty polyethylene sacks

1 Scope This Japanese Industrial Standard specifies polyethylene film sacks of 0.10 mm or over to and excluding 0.25 mm in thickness which are mainly used for transport packaging (hereafter referred to as “poly-heavy-sacks”).

2 Normative references The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards indicated below shall be applied.

JIS K 7130 *Plastics—Film and sheeting—Determination of thickness*

JIS Z 0102 *Vocabulary for kraft paper sacks*

JIS Z 8703 *Standard atmospheric conditions for testing*

ISO 7965-2 *Sacks—Drop test—Part 2 : Sacks made from thermoplastic flexible film*

3 Definitions For the main terms used in this Standard, the definitions in **JIS Z 0102** apply.

4 Classification The classification of poly-heavy-sacks shall be, in any case, open mouth type sacks and classified by existence of pleats, and the designation and symbols shall be in accordance with Table 1.

Table 1 Classification and symbols of poly-heavy-sacks

Classification of poly-heavy-sacks		Mouth for filling	Existence of pleats	Structure of lower end part
Designation	Symbol			
Open mouth type heat sealed sacks without pleats	A	Open mouth type	Without	Heat sealed
Open mouth type heat sealed sacks with pleats	B	Open mouth type	With	

5 Performance The performance of poly-heavy-sacks shall be tested in accordance with **10.3**, and conformed to the requirements in Table 2.

Table 2 Performance of poly-heavy-sacks

Item	Sacks	Performance	Applicable test, clause:
Drop strength	A	No damage and no leakage of contents	10.3
	B		

6 Construction The body shall consist of tubular film of polyethylene with or without pleats and be so constructed that one side of end part is closed by heat sealing.