

මහජන අදහස් සඳහා ප්‍රමිති කෙටුම්පත  
பொதுசனக் கருத்துரைக்கான கட்டளை வரைவு  
DRAFT STANDARD FOR PUBLIC COMMENT

(වෙනස්වීමට ඉඩ ඇත. திருத்தத்திற்குட்படக்கூடியது. Liable to alteration)

නිකුත් කළ දිනය  
வெளியீட்டுத் திகதி  
Date of Issue

} 2024-07-26

අදහස් එවිය යුතු අවසාන දිනය  
அபிப்பிராயங்களை தெளிப்பதற்கான இறுதித்திகதி  
Latest Date for Receipt of Comments

} 2024-09-26



Draft Sri Lanka Standard  
RUBBER SEALS- JOINT RINGS FOR WATER SUPPLY, DRAINAGE AND SEWERAGE PIPELINES  
SPECIFICATION FOR MATERIALS  
(FIRST REVISION) (DSLS 1627: ..... ) (ISO 4633: 2023)

රබර් සීල්- ජල සැපයුම්, අප ජලය හා මළ ප්‍රවාහනය කරන නල මාර්ග සඳහා භාවිතා කරන සම්බන්ධක වළලු  
සඳහා වන ශ්‍රී ලංකා ප්‍රමිති පරිච්ඡේද කෙටුම්පත  
(පළමු ප්‍රතිශෝධනය) (ශ්‍රී ලංකා ප්‍රමිති 1627:.....) (ISO 4633: 2023)

මෙම කෙටුම්පත ශ්‍රී ලංකා ප්‍රමිතියක් ලෙස නොසැලකිය යුතු මෙන් ම භාවිතා නොකළ යුතු ද වේ.  
இவ்வரைவு இலங்கைக் கட்டளையெனக் கருதப்படவோ அன்றிப் பிரயோகிக்கப்படவோ கூடாது  
This draft should not be regarded or used as a Sri Lanka Standard.

අදහස් එවිය යුත්තේ : ශ්‍රී ලංකා ප්‍රමිති ආයතනය, 17, වික්ටෝරියා පෙදෙස, ඇල්විටිගල මාවත, කොළඹ 08.

Comments to be sent to: SRI LANKA STANDARDS INSTITUTION, 17, VICTORIA PLACE,  
ELVITIGALA MAWATHA, COLOMBO 08.

නැඳින්වීම

මෙම ශ්‍රී ලංකා ප්‍රමිති කෙටුම්පත , ශ්‍රී ලංකා ප්‍රමිති ආයතනය විසින් සකසන ලදුව, සියලුම උදෙසාගේ අංශ වලට තාක්ෂණික විවේචනය සඳහා යටත් ලැබේ.

අදාළ අංශ හැර කමිටු මාර්ගයෙන් ආයතනයේ මහා මණ්ඩල වෙත ඉදිරිපත් කිරීමට පෙර , ලැබෙන සියලුම විවේචන ශ්‍රී ලංකා ප්‍රමිති ආයතනය විසින් සලකා බලා අවශ්‍ය වෙතොත් කෙටුම්පත සංශෝධනය කරනු ලැබේ.

මෙම කෙටුම්පතට අදාළ යෝජනා හා විවේචන නියමිත දිනට පෙර ලැබෙන්නට සැලැස්වුවහොත් අභය කොට සලකනු, තවද, මෙම කෙටුම්පත පිළිගත හැකි බැව් හැඟෙන අය ඒ බව දන්වන්නේ නම් එය ආයතනයට උපකාරී වනු ඇත.

මේ පිළිබඳව එවන සියලුම ලිපි පහත සඳහන් ලිපිනයට එවිය යුතුය.

අධ්‍යක්ෂ ජනරාල්  
ශ්‍රී ලංකා ප්‍රමිති ආයතනය,  
17, වික්ටෝරියා පෙදෙස,  
ඇල්විගල මාවත,  
කොළඹ 08.

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Introduction

This Draft Sri Lanka Standard has been prepared by the Sri Lanka Standards Institution and is now being circulated for technical comments to all interested parties.

All comments received will be considered by the SLSI and the draft if necessary, before submission to the Council of the Institution through the relevant Divisional Committee for final approval.

The Institution would appreciate any views on this draft which should be sent before the specified date. It would also be helpful if those who find the draft generally acceptable could kindly notify us accordingly.

All Communications should be addressed to:

The Director General  
Sri Lanka Standards Institution,  
17, Victoria Place,  
Elvitigala Mawatha,  
Colombo 08.

**Draft Sri Lanka Standard**  
**RUBBER SEALS – JOINT RINGS FOR WATER SUPPLY, DRAINAGE AND**  
**SEWERAGE PIPELINES - SPECIFICATION FOR MATERIALS**  
**(First Revision)**

**DSLS 1627: ....**  
**ISO 4633: 2023**

Gr.

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**Colombo - 08**  
**Sri Lanka**

**Draft Sri Lanka Standard**  
**RUBBER SEALS – JOINT RINGS FOR WATER SUPPLY, DRAINAGE AND**  
**SEWERAGE PIPELINES - SPECIFICATION FOR MATERIALS**  
**(First Revision)**

**NATIONAL FOREWORD**

This Sri Lanka Standard was approved by the Sectoral Committee on Chemical and Polymer Technology and was authorized for adoption and publication as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on .....

This Sri Lanka Standard was first published in 2019 as an adoption of **ISO 4633: 2015**. The text of the above International Standard has been technically revised as **ISO 4633:2023** Rubber seals- joint rings for water supply, drainage and sewerage pipelines — specification for materials. The International Standard **ISO 4633: 2023** has been accepted for adoption as the First Revision of **SLS 1627**.

This Sri Lanka Standard is identical with **ISO 4633: 2023** Rubber seals- joint rings for water supply, drainage and sewerage pipelines — specification for materials, published by the International Organization for Standardization (ISO).

**TERMINOLOGY AND CONVENTIONS**

The text of the International Standard has been accepted as suitable for publication, without deviation, as a Sri Lanka Standard. However, certain terminology and conventions are not identical with those used in Sri Lanka Standards. Attention is therefore drawn to the following:

- a) Wherever the words “International Standard” appear referring to a particular Standards they should be interpreted as “Sri Lanka Standard”.
- b) The comma has been used throughout as a decimal marker. In Sri Lanka Standards it is the current practice to use the full point at the base as the decimal marker.
- c) Wherever page numbers are quoted, they are ISO page numbers.

## CROSS REFERENCES

### International Standard

### Corresponding Sri Lanka Standard

ISO 37, Rubber, vulcanized or thermoplastic — Determination of tensile stress-strain properties	SLS 297 Part 2, Method of testing vulcanized rubber - Determination of tensile stress strain properties (Fourth revision)
ISO 48-2, Rubber, vulcanized or thermoplastic — Determination of hardness — Part 2: Hardness between 10 IRHD and 100 IRHD	SLS ISO 48-2, Rubber, vulcanized or thermoplastic — Determination of hardness — Part 2: Hardness between 10 IRHD and 100 IRHD
ISO 188, Rubber, vulcanized or thermoplastic — Accelerated ageing and heat resistance tests	SLS 297 Part 5, Method of testing vulcanized rubber - Accelerated ageing and heat resistance test
ISO 815-1, Rubber, vulcanized or thermoplastic — Determination of compression set — Part 1: At ambient or elevated temperatures	No corresponding Sri Lanka Standard
ISO 815-2, Rubber, vulcanized or thermoplastic — Determination of compression set — Part 2: At low Temperatures	No corresponding Sri Lanka Standard
ISO 1431-1, Rubber, vulcanized or thermoplastic — Resistance to ozone cracking — Part 1: Static and dynamic strain testing	No corresponding Sri Lanka Standard
ISO 1817, Rubber, vulcanized or thermoplastic — Determination of the effect of liquids	No corresponding Sri Lanka Standard
ISO 3302-1, Rubber — Tolerances for products — Part 1: Dimensional tolerances	No corresponding Sri Lanka Standard
ISO 3384-1, Rubber, vulcanized or thermoplastic — Determination of stress relaxation in compression — Part 1: Testing at constant temperature	No corresponding Sri Lanka Standard
ISO 3387, Rubber — Determination of crystallization effects by hardness measurements	No corresponding Sri Lanka Standard
ISO 9691, Rubber — Recommendations for the workmanship of pipe joint rings — Description and classification of imperfections	No corresponding Sri Lanka Standard

ISO 11346, Rubber, vulcanized or thermoplastic — Estimation of life-time and maximum temperature of use	No corresponding Sri Lanka Standard
ISO 23529, Rubber — General procedures for preparing and conditioning test pieces for physical test methods	No corresponding Sri Lanka Standard
ISO 23529, Rubber — General procedures for preparing and conditioning test pieces for physical test methods	SLS 1323 Part 1, Temperatures, humidities and times for the conditioning and testing of rubber - General procedures for preparing and conditioning test pieces for physical test methods

Draft for public comment