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Unsintered polytetrafluoroethylene
tapes for thread sealing

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Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee, as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Fluoropolymers Industry Association (JFIA)/The Japan Plastics Industry Federation (JPIF)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS K 6885 : 1995** is replaced with this Standard.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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

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Unsintered polytetrafluoroethylene tapes for thread sealing

1 Scope This Japanese Industrial Standard specifies the unsintered polytetrafluoroethylene tapes for thread sealing⁽¹⁾ (hereafter referred to as “raw tapes”).

Note (1) “Unsintered polytetrafluoroethylene tapes for thread sealing (raw tape)” herein refers to the unsintered tapes manufactured by using powder for paste extrusion and moulding specified in **JIS K 6896** without adding any additive.

Remarks : “Polytetrafluoroethylene” (PTFE) is the chemical name for more commonly used “tetrafluoroethylene resin”.

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

JIS B 7503 *Dial gauges*

JIS B 7507 *Vernier, dial and digital callipers*

JIS B 7512 *Steel tape measures*

JIS B 7516 *Metal rules*

JIS K 6896 *Polytetrafluoroethylene powder for molding and extrusion materials*

JIS R 1301 *Porcelain crucibles for chemical analysis*

JIS Z 8401 *Guide to the rounding of numbers*

3 Classification The tapes shall be classified as shown in table 1 according to the apparent density.

Table 1 Tape

Type	Apparent density (g/cm ³)	Abbreviation of designation and type
Class 1	1.4 min.	4F raw tape-1
Class 2	1.0 or over to and excl. 1.4	4F raw tape-2

4 Quality The quality of tape shall be tested in accordance with **6.1** to **6.4** and **6.6** to **6.9** and comply with the requirements in table 2.