



SLOVENSKI STANDARD
SIST EN 751-3:1997/AC:1999
01-december-1999

Tesnilni materiali za kovinske navojne zveze v stiku s plini 1., 2. in 3. družine ter vročo vodo – 3. del: Nesintrani PTFE trakovi - Popravek AC

Sealing materials for metallic threaded joints in contact with 1st, 2nd and 3rd family gases and hot water - Part 3: Unsintered PTFE tapes

Dichtmittel für Gewindeverbindungen in Kontakt mit Gasen der 1., 2. und 3. Familie und Heißwasser - Teil 3: Ungesinterte PTFE-Bänder

Matériaux d'étanchéité pour raccords filetés en contact des gaz de la 1ere, 2eme et 3eme famille et de l'eau chaude - Partie 3: Bandes en PTFE non fritté

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Ta slovenski standard je istoveten z: EN 751-3:1996/AC:1997

ICS:

83.140.50	Tesnila	Seals
91.140.40	Sistemi za oskrbo s plinom	Gas supply systems
91.140.60	Sistemi za oskrbo z vodo	Water supply systems

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EUROPEAN STANDARD**EN 751-3:1996****AC:1997****NORME EUROPEENNE****EUROPÄISCHE NORM**

March 1997

mars 1997

März 1997

English version
Version française
Deutsche Fassung

Amends EN 751-3, December 1996
Amende EN 751-3, décembre 1996
Änderung zur EN 751-3, Dezember 1996

Sealing materials for metallic threaded joints in contact
with 1st, 2nd and 3rd family gases and hot water -
Part 3: Unsintered PTFE tapes

Matériaux d'étanchéité pour raccords
filetés en contact des gaz de la 1ère,
2ème und 3ème famille et de l'eau
chaude - Partie 3: Bandes en PTFE non
fritté

Dichtmittel für Gewindeverbindungen in
Kontakt mit Gasen der 1., 2. und 3.
Familie und Heißwasser - Teil 3:
Ungesinterte PTFE-Bänder

This corrigendum becomes effective on 1997-03-20 for incorporation in the three official language versions of the EN.

Ce corrigendum prendra effet le 1997-03-20 pour introduction dans les trois versions officielles de la EN.

Die Berichtigung tritt am 1997-03-20 in Kraft und ist in die drei offiziellen Fassungen der EN einzufügen.

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Ref. no. EN 751-3:1996/AC:1997 E/F/D

1 Scope

This European Standard specifies requirements and test methods for unsintered polytetrafluorethylene (PTFE) tapes (hereafter referred to as PTFE tapes) which are suitable for sealing threaded metallic joints as specified in ISO 7-1.

This European Standard covers two classes of PTFE tapes suitable for fine (F) and coarse (G) threads.

The PTFE tapes are typically for use in installations for 1st family gases (town gas), 2nd family gases (natural gas) and 3rd family gases (liquefied petroleum gases (LPG)) up to 5 bar and up to 7 bar for hot water of heating systems as well as up to 0,2 bar in gas appliances and their auxiliary equipment. The maximum working pressure covered in this European Standard is 20 bar which is relevant to LPG storage. The temperature range is limited to -20 °C to 125 °C.

NOTE: For applications outside the scope of this Standard (e.g. compressed gases) the purchaser should consult the manufacturer.

Anaerobic jointing compounds are covered by EN 751-1, non-hardening sealing materials in form of - e.g. jointing compound paste - are covered by EN 751-2.

7.2.1.2 Soundness test

Pressurise the test assemblies 0,5 h to 1 h after preparation of the test assemblies with air or nitrogen to a pressure of $(30 \pm 1,5)$ bar while immersing in a water bath at (20 ± 5) °C.

Inspect all R ¼ and R 1½ threaded joints for leakage over a 5 min period. Gas leakage shall be determined by the appearance of bubbles during the immersion period, ignoring those noted during the first 15 s of immersion.

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