

ICS 23.040.60

J 15



**NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC
OF CHINA**

中华人民共和国国家标准

GB/T 9126-2008

Replace GB/T 9126-2003, GB/T 2502-1989

**Dimensions of non-metallic flat gasket for
pipe flanges**

管法兰用非金属平垫片 尺寸

Issued on August 25, 2008

Implemented on April 01, 2009

Issued by General Administration of Quality Supervision, Inspection and Quarantine
of the People's Republic of China

Standardization Administration of the People's Republic of China

Contents

Foreword	1
1 Scope	1
2 Normative References	1
3 Type and dimension	1
4 Technical requirements	9
5 Designation	10
5.1 Designation method	10
5.2 Examples of designation	10

Foreword

This standard is an integrated and revised version from the GB/T 9126 - 2003 *Dimensions of Non-metallic Flat Gaskets for Pipe Flanges* and GB/T 2502 – 1989 *Marine Pipe Flanges- Soft Gasket (Quaternary)*

Compared with the original standard, the changes of this standard are as follows:

- Delete the dimensions of the non-metallic flat gasket series for the II type raised pipe flange;
- Add the type patterns of the full flat face flanges, raised face flanges, flanges with male and female face and flanges with tongue and groove face;
- The dimension of gasket is separate listed in the table according to nominal pressure rate PN series and Class series;
- Add the dimension of the gasket for DN600 full flat face flanges with PN2.5 and PN 6; add the dimension of the gasket for the PN25 full flat face flanges;
- Add the dimensions of the PN2.5, PN6, PN10 gaskets for the DN2200~DN4000 raised face flanges; add the dimension of the gasket for the PN63 raised face flange; add the dimensions of the gaskets for PN10 flanges with the male and female face and the flanges with tongue and groove face; add the dimensions of the DN175 and DN 225 series gasket for the marine flanges;
- According to the EN1514-1 of EU standard, the bolt hole diameter of the DN1600, DN1800 and DN2000 gaskets for full flat face flanges are modified, the outside diameter of the DN1600, DN1800 and DN2000 gaskets for PN16 raised face flanges are modified; the outside diameter of the DN1200, DN1400, DN1600, DN1800 and DN2000 gaskets for the PN25 raised face flanges are modified; table notes of the dimension tables in the original standard are canceled.
- According to the ASME B16.21 of American standard, the outside diameter and center circle diameter of the bolt hole of the gasket for the PN20(i.e. Class 150) full flat face flanges in the original are modified.
- Add the example of the designation.

This standard was proposed by China Machinery Industry Federation.

The Standard is under the jurisdiction of the National Piping Accessories Standardization Technical Committee.

This standard is drafted by: China Productivity Center for Machinery, Zhejiang Cathay Packing & Sealing Co., Ltd., Cixi Hengli Packing & Sealing Co., Ltd.

Main drafters of the Standard: Li Junying, Sun Jinlong, Wu Yimin, Qiu Kuanheng, Feng Feng

The issuances of previous versions of the standard replaced by this standard are as follows:

——GB 9126—88, GB/T 9126—2003;

——GB 2502—81, GB/T 2502—1989.

Dimensions of non-metallic flat gaskets for pipe flanges

1 Scope

This standard stipulates the type and dimension of the non-metallic flat gasket for pipe flanges (hereinafter referred to as gasket).

This standard applies to the non-metallic flat gasket for the full flat face flanges, raised face flanges, flanges with male and female face and flanges with tongue and groove face whose nominal pressure range is PN2.5~PN63 and Class150~Class600.

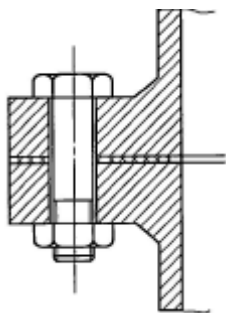
2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

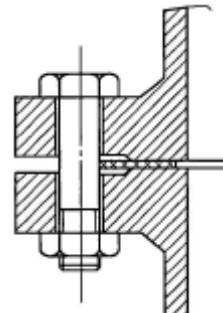
GB/T 9129 Specifications of non-metallic flat gaskets for pipe flanges (GB/T 9129-2003, ISO 7483: 1991, NEQ)

3 Type and dimension

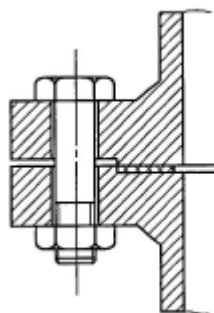
3.1 There are 4 kinds of matching types between the gasket and the flange sealing face. See Figure 1.



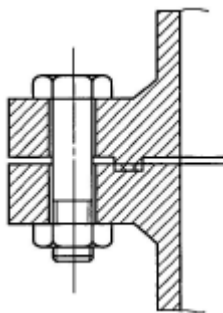
a) Sealing face of the full flat face flanges and the applicable gaskets



b) Sealing face of the raised face(RF) flanges and the applicable gaskets



c) Sealing face of the male and female face



d) Sealing face of the tongue and groove



北京文心雕语翻译有限公司
Beijing Lancarver Translation Inc.

完整版本请在线下单

或咨询：

TEL: 400-678-1309

QQ: 19315219

Email: info@lancarver.com

<http://www.lancarver.com>

线下付款方式：

1. 对公账户：

单位名称：北京文心雕语翻译有限公司

开户行：中国工商银行北京清河镇支行

账 号：0200 1486 0900 0006 131

2. 支付宝账户：info@lancarver.com

注：付款成功后，请预留电邮，完整版本将在一个工作日内通过电子 PDF 或 Word 形式发送至您的预留邮箱，如需索取发票，下单成功后的三个工作日内安排开具并寄出，预祝合作愉快！



银联特约商户