

HG

Professional Standard of the People's Republic of China

HG/T 20610-2009

Replace HG 20610-1997

钢制管法兰用缠绕式垫片 (PN 系列)

Spiral Wound Gaskets for Use with Steel Pipe Flanges

(PN Designated)

Issued on Feb 05, 2009

Implemented on Jul 01, 2009

**Issued by the Ministry of Industry and Information Technology of the People's Republic of
China**

Spiral Wound Gaskets for Use with Steel Pipe Flanges (PN Designated)

1. Scope

This Standard specifies the type, dimension, technical requirements and mark for steel pipe flanges (PN designated) with spiral wound gaskets.

This Standard is applicable to metal ring joint gasket for steel tube flange of nominal pressure is PN63~PN160 as shown in HG/T 20592.

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.

“Hot-rolled sheets and strips of carbon structural steels and high strength low alloy structural steels” GB/T 912

“Cold Rolled Stainless Steel Plate Sheet and Strip” GB/T 3280

“Hot rolled stainless steel plate sheet and strip” GB/T 4237

“Cold-rolled sheets and strips of carbon structural steels” GB/T 11253

“Steel Pipe Flanges (PN designated)” HG/T 20592

“Specification for selection of Steel Pipe Flanges, Gaskets and Bolting (PN designated)” HG/T 20614

“Specifications of Flexible Graphite Sheets” JB/T 7758.2





“Asbestos paper and millboard” JC/T 69

“Unsintered polytetrafluoroethylene(PTFE) tapes for thread sealing” QB/T 3628

3. General Specification

3.0.1 The type, code, section form of the gasket and its types applied to the seal face of flanges shall conform to regulations in Table 3.0.1.

Table 3.0.1 Type and code of gaskets

Type	Code	Section form	Applicable type of flange sealing face
Basic type	A		T/G
Inner ring type	B		FF/M
Centring ring type	C		RF ^a
Inner ring type and centring ring type	D		RF ^a

^a As well as applied to the wholly plane reverse seal of the flange.

3.0.2 The nominal pressure and dimension

1. The nominal pressure applicable to gaskets: PN16, PN25, PN 40, PN63, PN 100, PN 160.
2. Range of nominal dimensions applicable to gaskets can refer to the Table 4.0.1-1 and 4.0.1-2.

3.0.3 Operating requirements for gaskets.

1. Temperature range for gaskets shall refer to Table 3.0.3.
2. The type and materials for gaskets shall be selected according to fluid, operating conditions, materials, seal type of flanges, superficial roughness and bolt loads. Gaskets used for particular purposes shall get confirmed by supplier.
3. The selecting of gaskets, flanges and bolting shall conform to regulations of HG/T 20614.

3.0.4 Material

1. Typical materials used by the metal belt shall conform to regulations in Table 3.0.3. C. The thickness of the metal belt shall be 0.02mm around 0.2mm. The chemical components and physical performance of its materials shall conform to regulations of GB/T3280. HV of the metal belt shall be less than 150 or under requirements of users.

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>

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

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！