

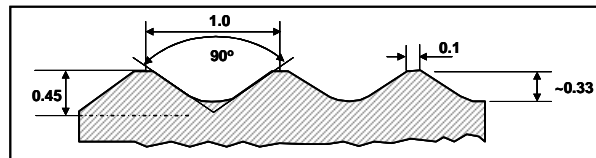
PRODUCT DATA SHEET

1.0 SCOPE

- 1.1 This specification describes style KG1/KR gaskets which are classified as semi metallic performance gaskets.
- 1.2 Camprofile gaskets are specifically designed for use in high temperature and high pressure applications in power generation, refineries and petrochemical and chemical industry.

2.0 CONTENT AND CONSTRUCTION

- 2.1 Content
 - 2.1.1 Metal carrier
 - 2.1.2 Non-metallic sealing elements
- 2.2 Construction
 - 2.2.1 Chesterton Camprofile gaskets are offered in accordance with DIN 2697 profile or in the optimized design profile indicated below.



3.0 TYPICAL PROPERTIES

- 3.1 Temperature capabilities
 - 3.1.1 With graphite sealing layer 550°C
 - 3.1.2 With PTFE sealing layer 300
 - 3.1.3 Inert media -200°C to 900°C
- 3.2 Pressure capabilities
 - 3.2.1 Up to 400 bar
- 3.3 Physical properties
 - 3.3.1 Gasket Factors DIN 28090 / 1..2

Profile		KR, KG1	
Material Description		1.4541/1.4571 Graph	1.4541/1.4571/PTFE
Recommended min. and max gasket stresses at 20oC (N/mm ²)	σ_v	15	15
	σ_u	500	500
Recommended min. and max gasket stresses at 300oC (N/mm ²)	σ_v	30	30
	σ_u	420	420*

- 3.3 Chemical properties
 - 3.3.1 pH 0-14 (depending on metal carrier material)
- 3.4 Approvals
 - 3.4.1 Style KG1 and KR are TA-Luft approved

Chesterton International GmbH

Carl-Zeiss-Ring 14
Ismaning D-85737
Germany
Tel: 49-89-996-5460
Fax: 49-89-996-54660
Email: munich@chesterton.com
Web: www.chesterton.com

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