



CREAS



**Sealant Gaskets For Glass
lined flanges**

搪玻璃法蘭密封墊片

ACEMENDER

CREAS® GF3000 Gasket Insert Sheet 垫片内衬板

Aramid fibers, specially selected fillers and graphite combined in new high compressibility and environment friendly gasket material with excellent thermal properties. 芳纶纤维、特选填料和石墨结合在一起，形成一种新型高压缩性和环保的垫片材料，具有优异的熟性能。

Original made in Europe. 欧洲原产

Product style 产品系列: GF3000

Application 应用:

- PTFE Envelop gasket insert, provide high compressibility for glass lined flange. PTFE 封套垫片内衬板，为搪玻璃法兰提供高压缩性。
- Teflon glass-lined pipe mouth repair sleeve flange gasket liner plate. 铁氟龙搪玻璃管口修补套法兰垫片内衬板。



Basis 组份	Aramid fibers, Graphite, NBR 芳纶纤维、石墨、丁腈橡胶		
Color 颜色	Silver 银灰色		
Sheet size 尺寸:	2000 x 1480 mm		
Thickness 厚度:	2.0 mm 3.0 mm		

Technical data (Typical values for a thickness of 2 mm)

技术数据 (厚度为 2 毫米的典型值)

Density 密度	DIN 28090-2	g/cm3	≈ 1.1
Compressibility 可压缩率	ASTM F36J	%	35 - 45
Recovery 回弹率	ASTM F36J	%	min 9
Tensile strength 抗拉强度	DIN 52910	MPa	min 2
Stress resistance (50 MPa, T=300° C, 16h)	DIN 52913	MPa	min 33
Stress resistance (50 MPa, T=175° C, 16h)	DIN 52913	MPa	min 36

100% non asbestos 无石棉

GU2000 Gasket Insert Sheet 墊片內襯板

Aramid fibers, specially selected fillers and graphite combined in new high compressibility and environment friendly gasket material with excellent thermal properties. 芳綸纖維、特選填料和石墨結合在一起，形成一種新型高壓縮性和環保的墊片材料，具有優異的熱性能。

Original made in China. 中國原產

Product style 產品系列 : GU2000

Application 應用:

- PTFE Envelop gasket insert, PTFE 封套墊片內襯板。



Basis 組份	Aramid fibers, 芳綸纖維		
Color 顏色	Blue 藍色		
Sheet size 尺寸:	1500 x 1500 mm		
Thickness 厚度:	2.0 mm 3.0 mm		

Technical data (Typical values for a thickness of 2 mm)

技术数据 (厚度为 2 毫米的典型值)

Density 密度	DIN 28090-2	g/cm3	1.85
Compressibility 可壓縮率	Q/320507NA	%	10.5
Recovery 回彈率	Q/320507NA	%	47.5

100% non asbestos 无石棉

AEG® RS-50 Modify PTFE Gasket 改性鐵氟龍墊片

AEG® RS-50 has a superior chemical resistance to nearly all media with the exception of molten alkali metals and fluorine compounds. AEG® RS-50 is recommended for the pharmaceutical, chemical and food industries.

Its high compressibility enables very good adaptability to pressure sensitive connections like ceramic-,glass-,or plastic-lined piping or uneven flanges. It has enhanced creep performance compared to virgin PTFE.

AEG® RS-50 具有卓越的耐化學腐蝕性，幾乎適用於除融化碱金屬及氟化物以外的一切化學品。AEG® RS-50 推薦用於製藥、化工、食品等多個工業領域。

它的可壓縮性高，特別適合力敏感的连接，如陶瓷、玻璃、塑膠內襯管道或不均勻的法蘭。與純聚四氟乙烯相比，它具有更強的抗蠕變性能。

Features 特點：

- Good Mechanical Resistance
優異的機械性能
- Good Thermal Performance
優異的熱力性能
- High compressibility and recovery
高壓縮率和高回彈率
- Excellent Seal ability Performance
卓越的密封性能
- Easy cutting 易切割
- Quick and simple to install compare with expand PTFE 與膨脹鐵氟龍相比安裝迅速方便
- Chemical Resistance: Withstands a wide range of chemicals for extended service life in a wide variety of applications 耐化學性能：在廣泛的應用中能夠耐很多種類的化學品，延長服務壽命



AEG® RS-50 Modify PTFE Gasket 改性鐵氟龍墊片

Application 應用場合：

- Glass-lined flanges of piping.
搪玻璃管道法蘭密封。
- Glass-lined nozzles of equipment.
搪玻璃設備管嘴密封。
- Glass-lined repair by metal plate & plug, can be immersed in chemical reaction materials.
金屬板和釘的搪玻璃修補，可以浸沒在化學反應物料中。
- Glass lined repair by PTFE sheet for large area local on the top head of vessel,
鐵氟龍板在容器頂部的大面積搪玻璃修補



Technical Data 技術參數：

Compressibility 壓縮率	ASTM F36J 20°C	%	35
Recovery 回彈率	ASTM F36J 20°C	%	40
Operating Pressure 操作壓力		bar	-1 ~ 16
Operating Temperature 操作溫度		°C	-60 ~ 260

AEG® RS-30 Expend PTFE Gasket 膨體鐵氟龍墊片

AEG® RS-30 is an expanded PTFE material with superior chemical resistance to near all media with exception of molten alkali metals and fluorine compounds. EPTFE has the chemical stability of PTFE, its multi-fiber structure makes it as a sealing product with unimaginable toughness, and more importantly, it fundamentally solves the common problems of the other kinds of PTFE sealing materials-creep and cold flow.

AEG® RS-30 是一種膨體聚四氟乙烯材料，具有优异的耐化学性，几乎适用于所有介质熔化的碱金属和氟化合物。EPTFE具有聚四氟乙烯的化学稳定性，其網狀纖維結構使其作为密封产品具有难以想象的韧性，更重要的是，它从根本上解决了其他聚四氟乙烯密封材料普遍存在的蠕变和冷流问题。

Features 特點：

- Stable chemical properties
化學性能穩定
- Excellent chemical corrosion resistance
優異的耐化學腐蝕性能
- Excellent Seal ability Performance
卓越的密封性能
- High strength, fibrosis, 3D structure, greatly reducing cold flow creep 高強度、纖維化、3D立體結構，大大降低冷流蠕變
- Soft and elastic, can be sealed with light fastening force 柔軟、富有彈性，以輕緊固力即可密封
- Easy cutting 易切割。
- Suitable for enamel FRP flange, uneven flange surface compensation, but also suitable for a variety of chemical applications 適用於搪玻璃鋼法蘭，不平整的法蘭面進行補償，而且還適用於各種化學場合



AEG® RS-30 Expend PTFE Gasket 膨體鐵氟龍墊片

Application 應用場合：

- Glass-lined flanges of piping.
搪玻璃管道法蘭密封。
- Glass-lined nozzles of equipment.
搪玻璃設備管嘴密封。
- Glass-lined repair by glass lined plate, can be immersed in chemical reaction materials.
搪玻璃板的搪玻璃修補，可以浸沒在化學反應物料中。
- Glass lined repair by metal plug local at curved face.
搪玻璃彎曲面局部用金屬塞頭修復。



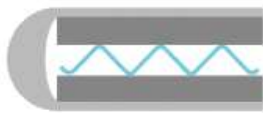
Technical Data 技術參數：

Compressibility 壓縮率	ASTM F36J 20°C	%	45
Recovery 回彈率	ASTM F36J 20°C	%	15
Operating Pressure 操作壓力		bar	-1 ~ 6
Operating Temperature 操作溫度		°C	-20 ~ 200

PTFE Envelope Gasket 鐵氟龍封套墊片

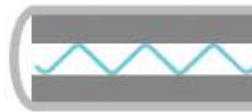


With excellent anti-corrosion performance, our *gasket envelope* is made of PTFE which is in conformity with FDA requirements, the heavy thick inner ring provide the strength. PTFE夾包外殼由符合FDA要求的鐵氟龍製成，耐腐蝕性能優異。內圈增強提供強度。



HT type Envelope

3mm thickness inner ring of Envelope
封套內圈3mm增厚



NT type Envelope

0.5mm equal thickness of Envelope
封套0.5mm等厚

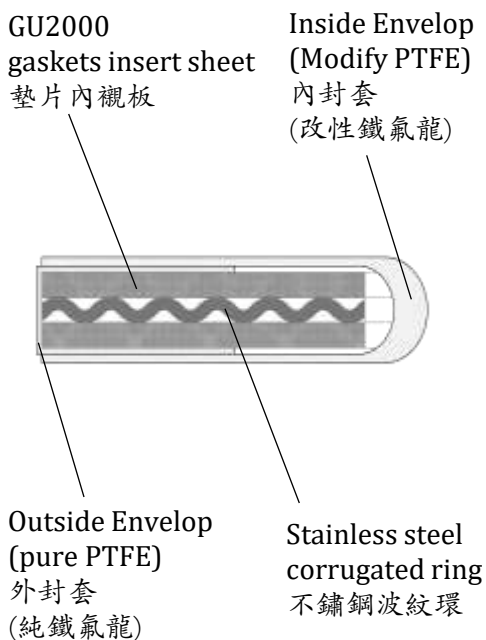


The *stainless steel corrugated ring* has better mechanical performance, providing sufficient resilience force to achieve favorable sealing effect. 不鏽鋼波紋環具有較高的機械性能，給墊片提供了足夠的回彈力，以達到良好的密封效果。

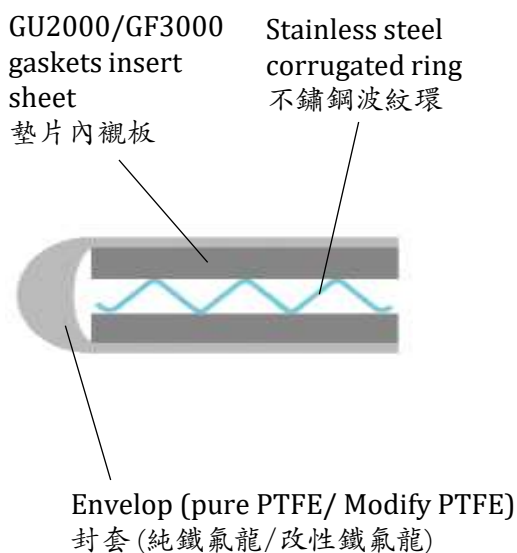
100% non asbestos *gaskets insert sheet* type GU2000 & GF3000. Special design could be use type RS-30 or RS-50 to be gaskets insert sheet. 100% 無石棉墊片內襯板類型 GU2000 和 GF3000。特殊設計可使用 RS-30 或 RS-50 類型作為墊片內襯板。

PTFE Envelope Gasket 鐵氟龍封套墊片

製藥業設計墊片 PE1000
Gaskets designed for the
pharmaceutical industry
(FDA approved)



GU2000/GF3000AEG 墊片 Gaskets



Style 型號	GF3000AEG	GU2000	PE1000
Technical Data 技術資料			
compressibility 壓縮率 ASTM F36J 20°C %	32.5	16.4	35
Recovery 回彈率 ASTM F36J 20°C %	27.6	46.6	40
Operating Pressure 操作壓力 bar	-1~16	-1 ~ 6	-1 ~ 6
Operating Temperature 操作溫度 °C	-60~230	-20 ~ 160	-20 ~200
Part list 零件表			
SS corrugated ring 不鏽鋼波紋環	SS316L	SS304	SS304
PTFE Envelope 鐵氟龍封套	Modify PTFE 改性 鐵氟龍	Pure PTFE 純鐵氟龍 /Modify PTFE Optional 可選改性鐵 氟龍	Pure PTFE outside 純鐵氟 龍外包 /Modify PTFE inside 改性鐵氟龍內包
Insert Shee 內襯板	CREAS GF3000	GU 2000	GU2000

PTFE Envelope Gasket 鐵氟龍封套墊片

DIN PN10 歐標			ANSI 150 lb 美標			Total thickness	Insert Sheet 內襯板	
DN	d1	d3	ND	d1	d3		Thick.	qty
HT type Envelope 封套內圈增厚型 Material: Modify PTFE / pure PTFE 材料: 改性鐵氟龍/純鐵氟龍								
25	31	65	1"	31	61	6.5	2	2
40	47	85	1-1/2"	47	80	6.5	2	2
50	59	100	2"	59	102	6.5	2	2
65	75	120	-	-	-	6.5	2	2
80	89	135	3"	89	130	6.5	2	2
100	113	160	4"	113	158	6.5	2	2
125	132	185	5"	132	188	6.5	2	2
150	161	210	6"	161	212	6.5	2	2
200	212	265	8"	212	268	6.5	2	2
250	262	315	10"	262	320	6.5	2	2
300	310	365	12"	310	370	8.5	3	2
400	411	480	16"	411	482	8.5	3	2
* HT type max. diameter DN 900mm, other diameter on request. HT內圈增厚型最大尺寸到DN900，表外尺寸請諮詢。								
NT type Envelope 封套等厚型 Material: Modify PTFE / pure PTFE 材料: 改性鐵氟龍/純鐵氟龍								
300x400	299x384	375x460	-	-	-	8.5	3	2
350x450	369x469	395x495	-	-	-	8.5	3	2
500	514	605	20"	514	585	8.5	3	2
600	614	705	-	-	-	8.5	3	2
700	730	795	-	-	-	11	3	3
800	830	895	-	-	-	11	3	3
900	930	995	-	-	-	11	3	3
1000	1030	1100	-	-	-	11	3	3
1200	1230	1310	-	-	-	11	3	3
1300	1330	1420	-	-	-	11	3	3
1400	1430	1520	-	-	-	11	3	3
* NT type other diameter on request. NT等厚型縫套表外尺寸請諮詢。								

FFKM(Perfluoroelastomer) O-Rings 全氟醚O型圈

AEG® FFKM is the AEG Sealing Solutions proprietary perfluoroelastomer. It combines the elastic properties of fluorocarbon (FKM) with the outstanding chemical resistance and the high temperature stability of PTFE. Virtually inert, the materials perform well in a broad range of chemical media including organic and inorganic oxides, acids, alkalis, amines, esters and steam at continuous operating temperatures from -40°C to +325 °C

AEG® FFKM 全氟醚橡膠是 AEG 密封解決方案專有的全氟彈性體。它結合了氟橡膠(FKM)彈性特性和聚四氟乙烯(PTFE)的耐化學性和高溫穩定性。這種材料幾乎是惰性的，耐各種包含有機、無機氧化物、酸、堿、胺、酯等化學介質，並且連續工作溫度範圍可從 -40°C 至 +325°C。



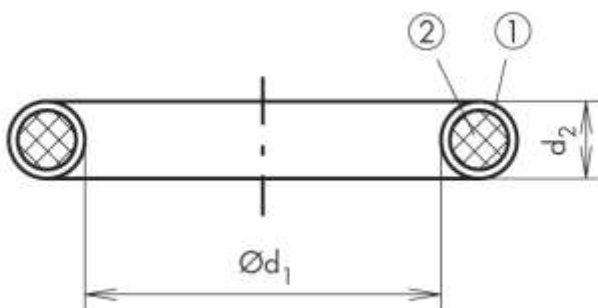
Features 特點

- Excellent physical properties 優異的物理性能
- Excellent high and low temperature resistance 優異的耐高低溫性能
- Excellent corrosion resistance 優異的耐腐蝕性
- Excellent price performance ratio 優異的價格性價比
- Quick delivery time 快速交付
- FDA-Grade 食品級
- AEG® FFKM high performance seal products can significantly extend the average maintenance cycle of equipment, reduce irregular shutdown and maintenance costs AEG® FFKM 全氟醚高性能密封產品可顯著延長平均設備維護週期，減少非正常停機和維修成本

PFA Encapsulated solid FKM core O-Rings

AEG® PFA Encapsulated solid FKM core O-Rings consist of two components: a seamless overing of PFA (Item 1) and an elastomer core (Item 2) that guarantees dimensional stability. These seals ideally combine the elastic characteristics of elastomer O-Rings and the chemical resistance of PFA.

AEG® PFA 包覆FKM O型圈由兩部分組成：一個無縫連接的 PFA外殼(件1)和一個彈性體內芯 (件2)，以保證尺寸穩定性。這種密封圈完美的結合了氟橡膠彈性體O型圈提供的彈性，且同時擁有了PFA的耐化學性。



Features 特點

- Non-adhesive smooth surface 表面光滑無膠
- Saving in maintenance costs 節省維護成本
- Durability and reliable service 耐用和可靠的服務
- Good resistance to pressure, compression and deformation 具有良好的抗壓力、抗壓縮、抗形變能力
- Extremely high chemical resistance against most liquids and chemicals 對大多數液體和化學品具有極高的耐化學性
- Great range of operating temperatures from -20 °C up to +200 °C 工作溫度範圍從-40°C到+200°C



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