各类密封材质最主要特性
The Main Characteristice of The Kings of Sealing Materilas

三元乙丙橡胶 (EPDM)

EPDM 橡胶对大部分食品都稳定，因此广泛用于食品工业。另一个优点是它可以使用的推荐温度为 140° C (244° F) ，但也存在一个极限，EPDM 不耐有机油、无机油和脂肪，但耐臭氧性极优。

Ethylene Propylene Rubber (EPDM)

EPDM rubber is widely used in the food industry ,as it is resistant to most products used in this sector. Another advantage is that it may be used to a recommend max temperatures of 140°C(244°F). However,there is one essential limitation ,EPDM is not resistant to organic and non-organic oils and fats. But the resistance to ozone is excellent

硅橡胶 (VMQ)

硅橡胶最显著的品质特点是它能够应用的温度为 -50° C (-58° F) 到大约 +180° C (356° F) , 而且仍然能够保持器弹性。化学稳定性仍可满足大多数产品的要求，但是，纯碱液和酸以及热水和蒸汽可能会损坏硅橡胶，耐臭氧性好。

Silicone Rubber (VMQ)

The outstanding quality of silicone rubber is that it can be applied from temperatures below -50°C (-58°F) to approx +180°C(356°F) and still keep its elasticity.The chemical resistance is satisfactory to most products .However undiluance lye and acids as well as hot water and steam may destroy sillcone rubber.But the resistance ozone is good.

丁腈橡胶 (NBR)

NBR 是一种经常用于技术用途的橡胶类型。它对大多数碳氢化合物 (例如：油、油脂和脂肪) 都非常稳定，对于稀碱和硝酸也十分稳定，它可以使用的推荐最高温度是 95° C (203° F) 。由于 NBR 会被臭氧破坏，因此它不能暴露于紫外线下，应该避光保存。

Actylonitrile Butadiene Rubber (NBR)

NBR is the rubber type most frequently used for technical purposes . It is quite resistant to most hydrocarbons (e.g : oil , grease and fat). It is sufficiently resistant to diluted lye and nitric acid and may be uesd to a recommend max temperatures of 95°C (203°F) .As NBR is attacked by ozone .it may not be exposed to ultraviolet rays and should thus Keep in dark place .

氟化橡胶 (FPM)

在其它类型的橡胶不适合时，尤其是在高达 180° C (356° F) 的高温时，通常会使用 FPM。对于大多数产品的化学稳定性都很好，但是应该避免热水、蒸汽、碱液、酸和酒精，耐臭氧性好。

Fluorine Rubber(FPM)

FPM is often used when other rubber types are unsuited . especially at high temperatures up to approx 180°C (356°F).The chemical resistance is good to most products,homever hot water,steam,lye,acil and alcohol should be avolded.The resistance to ozone is good.

聚四氟乙烯 (PTFE)

PTFE 具有优良的化学稳定性、耐腐蚀性 (是当今世界上耐腐蚀性能最佳材料之一，除熔融的碱金属外，聚四氟乙烯几乎不受任何化学试剂腐蚀) 。例如在浓硫酸、硝酸、盐酸、酒精，甚至在王水中煮沸，其重量及性能均无变化工作温度：-25° C 至 250° C。

Polytetrofluoroethy(PTFE)

PTFE has great chemical stability, corrosion resistance.
PTFE is almost free from any chemical reagents corrosion, which was one of the best materials, of corrosion resistance of the world with the exception of molten alkali metal. For example, in concentrated sulfuric acid, nitric acid, hydrochloric acid, alcohol, even in boiling water.PTFE did not change its weight and performance. Operating temperature:-25°C～+250°C