

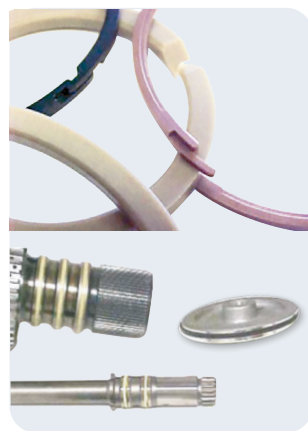


变速箱用密封环

恩福是中国市场上 PTFE 密封环的主要供应商之一，可根据客户的不同密封需求、轴孔要求，提供相适配的密封解决方案。

密封环用于自动变速箱 (AT)、无级变速箱 (CVT) 和双离合变速箱 (DCT) 中的，主要功能是维持回转或往复运动组件回路中的油压，具有低泄露、低损耗、低扭矩等特点。

针对高 PV 工况，我们开发的专利型 Quantum™ PTFE，36AR PEEK™ 及其它特种高性能塑料材料，能够满足日益严苛的高 PV 边界条件要求，及客户的多种应用需求，提供安装便利性的解决方案。



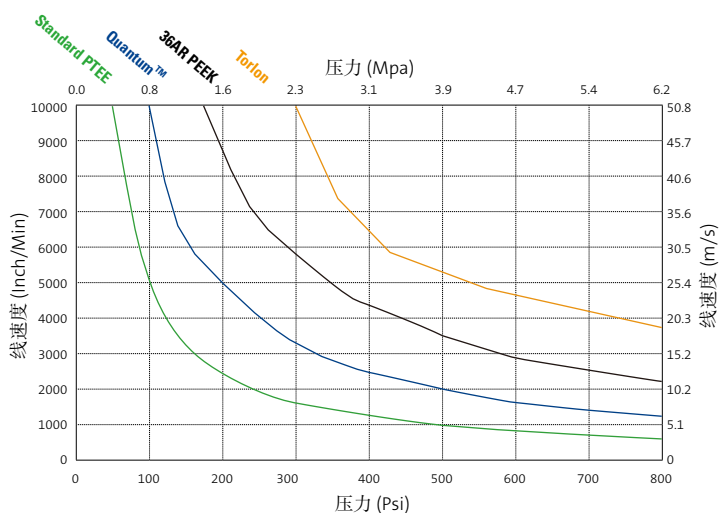
为客户带来的价值

• 丰富的材料系列

针对客户严苛的使用压力及转速，有多种高性能等级或具有专利技术的高功能塑料可选择。

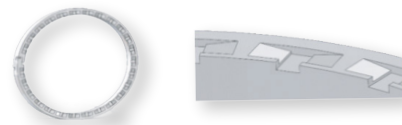
• 多种类的切口设计

按客户的泄漏和安装要求，可提供最佳的切口设计。



• 独特的低摩擦设计

通过滑动面的特殊纹理结构设计所产生的流体动压效应，可以降低摩擦力，最高降幅可达 70%~90%。



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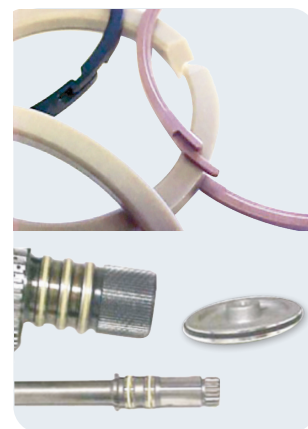
NOK-FREUDENBERG
恩福(中国)

Seal Ring for Transmission

NOK-Freudenberg is the primary source for PTFE seal rings in China with the capability to engineer solution for most seal, groove and bore requirements.

Even increasing application PV requirements lead to development of substantially more durable materials. In particular, Quantum™ PTFE and 36AR PEEK™ and other specialty resins continue to push the boundaries of high value, resins for automotive sealing applications.

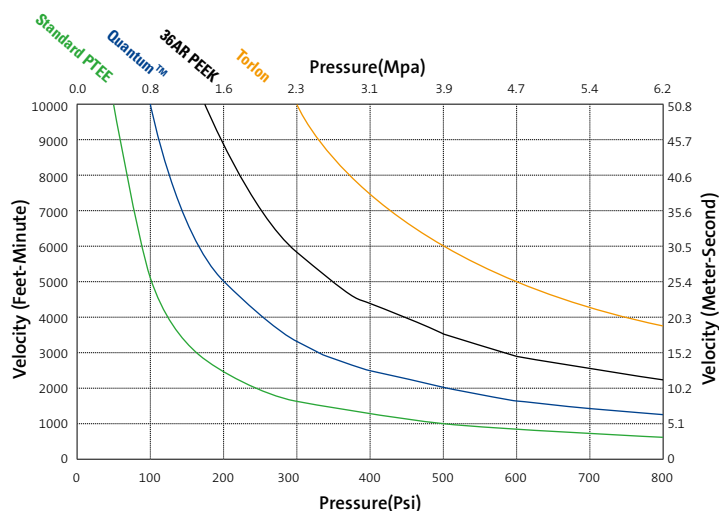
Seal rings can be found in the automotive transmission (AT) or continuously variable transmission (CVT) or dual clutch transmission (DCT) to maintain the transmission oil pressure of the rotating or reciprocating components. With multiple joint configurations and materials including standard PTFE, Quantum™ PTFE, 36 AR PEEK™ and Torlon®. We offer solutions that exceed both operating and ease of assembly requirements.



Values for the Customer

- **Comprehensive material lineup**

According to customer's critical pressure and rotation speed, there are a variety of high grade or patented high performance plastics to choose.



- **Variety of joint configurations**

According to customer's leakage and installation requirements, optimum joint configuration is available.



- **Unique low friction design**

Dynamic pressure effect generated by special texture structure reduces the friction force, about up to 70~90%.



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