

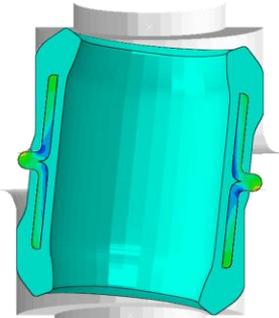
Tube Seal

EV coolant channel
Datacenter & Cloud Storage
Transmission & Retarder



Problem:

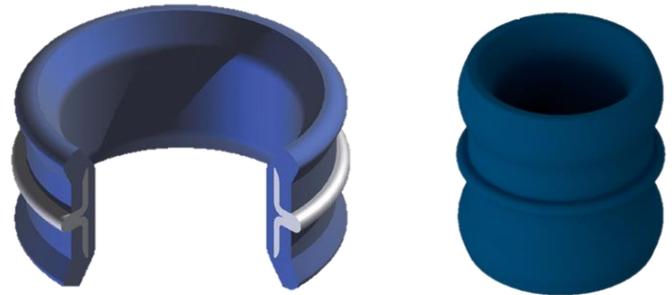
In fluid power transmission systems such as gearboxes, thermal management systems, and data centers, pipeline connections are typically required between components to enable the flow of the working medium. In practical applications, it has been found that due to pipe eccentricity (misalignment) and tolerance variations, it is not possible to establish a safe, leak-free connection between components.



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Solution:

Pipe sealing is a composite sealing solution combining an elastomer and an insert, suitable for connecting a wide range of fluids. It can be used to connect components within thermal management systems in automotive and data centers, or within oil circuits.

Its unique structural design effectively compensates for pipe misalignment (eccentricity) and tolerance variations, enabling easy installation and reliable sealing.

During installation, the pipe seal is not easily deformed and can be positioned quickly and conveniently, significantly improving assembly efficiency. It also offers excellent high-pressure resistance and vibration performance, helping reduce the risk of system leakage and lowering noise and vibration levels.

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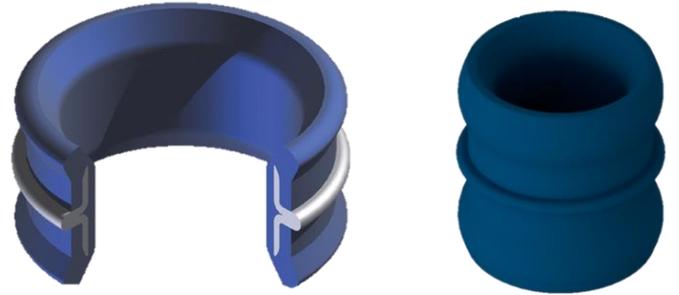
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Problem:

在变速箱，热管理、数据中心等流体传动系统中，通常各部件间需要管路连接以便进行介质的流动。在实际应用过程中发现，各部件的连接受管道偏心和公差变化的影响，无法建立安全、无泄漏的连接。

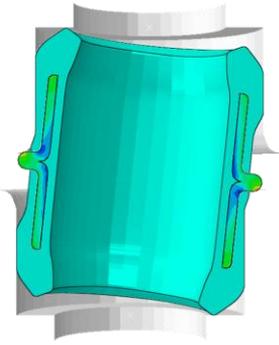


Solution:

管密封是一种橡胶和插件结合的复合密封，适用于各种流体的连接，可以在汽车、数据库的热管理系统或油路的各部件之间连接。

其独特的设计结构可以有效补偿管道偏心和公差变化，安装方便，密封可靠。

管密封安装时不易变形，可快速方便安装到位，大大提高了安装效率，其耐高压和抗震动性能也同样出色，可减少系统泄露风险并降低噪音震动等。



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