



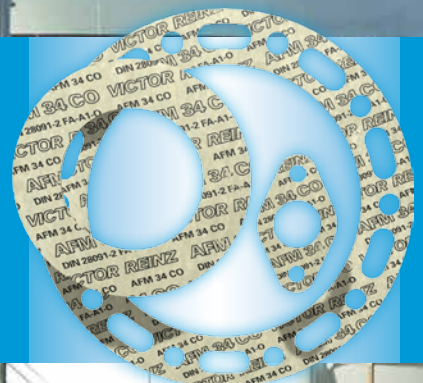
**VICTOR REINZ®**

Sealing Products



## AFM 34 CO

The new low-emission industrial flange gasket.



## AFM 34 CO. Simply tight. Low emission.



Shown above are industrial applications of AFM 34 CO in the chemical, petrochemical, petroleum, and gas sectors, as well as shipbuilding.

Tight connections are an absolute must in the chemical, petrochemical, petroleum, and gas industries. Even tiny amounts of emissions can unleash unpredictable consequences for people and the environment. Because of this, legislators impose extremely strict requirements on the interaction between the flange, gasket, screw, and assembly.

The new Victor Reinz® AFM 34 CO gasket material with an additional surface coating meets these requirements.

With greater ease, because AFM 34 CO still achieves ideal leakage

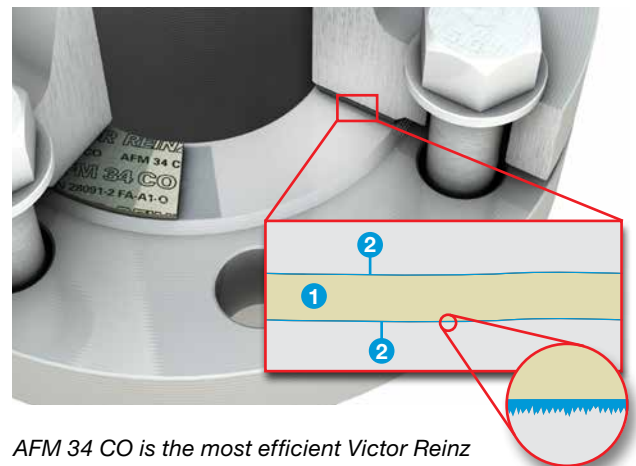
rates in flanges with low surface pressures thanks to a coating with enhanced micro-adaptation properties.

With certainty, because AFM 34 CO provides a much better gas seal at the same surface pressure than gaskets without this coating.

Tight and secure, because AFM 34 CO in a sealing bond easily fulfils requirements for the leak tightness class according to VDI Guideline 2290 based on the German Technical Instructions on Air Quality Control (TA Luft).

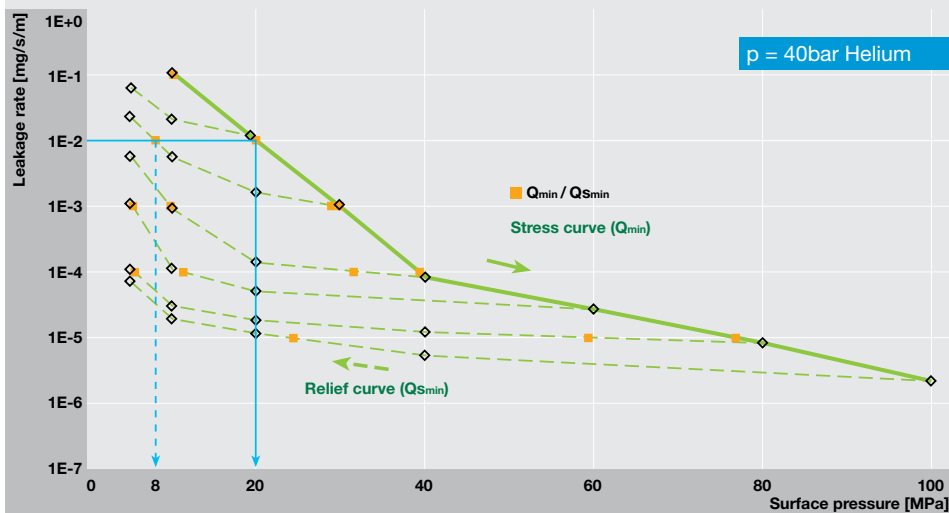
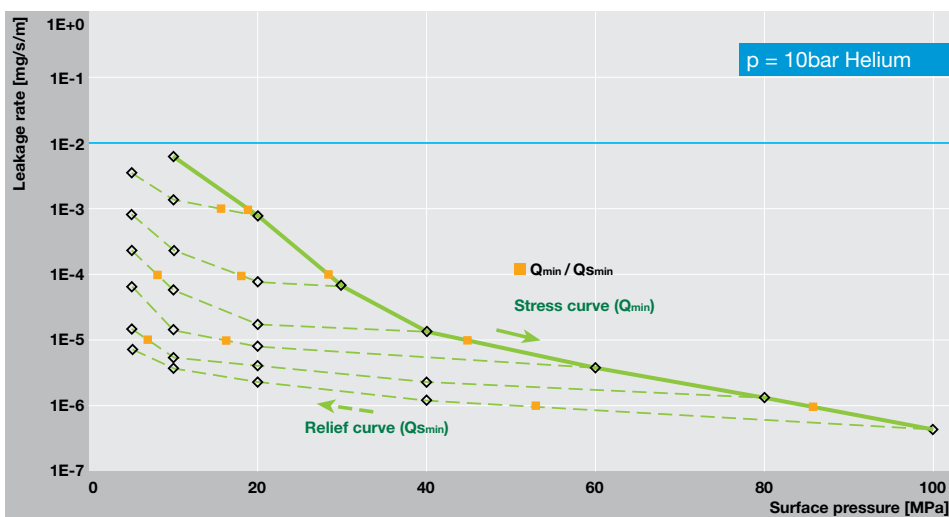
AFM 34 CO is specifically designed to tackle the sealing challenges that

come up in the chemical, petrochemical, petroleum and gas industries. Approval from Germanischer Lloyd, also makes this innovative material the first choice in shipbuilding.



AFM 34 CO is the most efficient Victor Reinz gasket material, combining AFM 34 with an innovative surface coating (CO).

- ① AFM 34: aramide fiber-based material
- ② CO: extremely thin, highly adaptable surface coating



AFM 34 CO: Leakage rates acc. to EN 13555 for internal pressures between 10 and 40 bar

AFM 34 CO guarantees compliance with L<sub>0.01</sub>, even at low surface pressures:

*Q<sub>min 0.01</sub>:*  
 Less than 10 MPa is required at an internal pressure of 10 bar.  
 At an internal pressure of 40 bar, just 20 MPa will suffice. (—)

*Q<sub>S min 0.01</sub> (installed surface pressure 30 MPa):*  
 At 10 bar: < 5 MPa  
 At 40 bar: 8 MPa (- - -)

AFM 34 CO: The new and efficient Victor Reinz gasket material for the chemical, petrochemical, petroleum, and gas industries, as well as shipbuilding.

### Advantages for industrial use

- Ideal conditions for complying with the leak tightness class according to VDI 2290 (L<sub>0.01</sub>)
- AFM 34 CO thus meets the latest legislative requirements for strict leakage rates
- Compliance with the requirements of VCI Guideline<sup>1</sup> Appx. C
- Gasket material AFM 34 CO has all of the important approvals
- Maximum leak tightness even at flange dimensions with low surface pressures
- Comprehensive media resistance, just like AFM 34
- AFM 34, the base material, has proven itself to be effective in countless sealing concepts

### Approvals for tested safety

- Approved by the German TA-Luft air quality guidelines (high-grade gasket)
- Approved by DIN-DVGW<sup>2</sup> i.a.w. DIN 3535, Part 6 FA
- Approved by VP 401<sup>2</sup>, gaskets with high thermal resistance
- Germanischer Lloyd approval for shipbuilding

<sup>1</sup> Guideline on installing flanged connections in processing systems, May 2014

<sup>2</sup> See gasket material AFM 34



## **SPICER®**

*Drivetrain Products*

Axles  
Driveshafts  
Off-Highway Transmissions

## **VICTOR REINZ®**

*Sealing Products*

Gaskets and Seals  
Cylinder-Head Cover Modules  
Thermal-Acoustic Protective Shielding

## **LONG®**

*Thermal Products*

Transmission Oil Coolers  
Engine Oil Coolers



### **About Dana Holding Corporation**

Dana is an integral partner for virtually every major vehicle and engine manufacturer worldwide. Dana is a leading supplier of drivetrain, sealing, and thermal technologies to the global automotive, commercial-vehicle, off-highway markets and for industrial applications. Founded in 1904, Dana employs thousands of people across five continents.

### **What Can Dana Do For You?**

Dana provides high-quality product solutions. This lineup of technologies from one source is designed to offer flexibility to vehicle manufacturers around the world – whether in automotive centers or emerging markets – and ensures that customers get the latest state-of-the-art technologies, as well as products adjusted for specific local markets. With technology centers strategically located throughout the world, Dana engineers have the superior resources to develop, design, test, and manufacture to suit individual customer needs. This close collaboration allows Dana to create everything from advanced single components to fully integrated modular systems.

### **Power Technologies Group**

REINZ-Dichtungs-GmbH  
Reinzstrasse 3-7  
89233 Neu-Ulm  
Germany  
T. +49 731 7046-777  
F. +49 731 7046-399  
[www.reinz-industrial.com](http://www.reinz-industrial.com)



## **VICTOR REINZ®**

*Sealing Products*