

# FLEXIDRAM™

## FIRE-SAFE GASKET FOR USE IN THE DISTILLERY INDUSTRY



- Increased pipeline integrity
- **Decreased emissions** - TA Luft
- **Fire-Safe** to API 6FB
- **FDA** compliant design
- Contamination free

### ISSUES

#### Containment

Leaks from pipework and vessels containing spirit result in increased fire risk, lost production, lost product, potential fines and HSE scrutiny.

#### Emission Constraint

TA-Luft approved Flexidram™ gaskets reduce emissions in all applications.

#### Safety & Insurance

A global leader in beverage alcohol had repeated issues with bolted joint leaks which resulted in HSE investigations and a requirement to alter gaskets to a fire-safe solution.

#### Training

Leaks highlight a need for increased focus on staff training, on installation and assembly guidance, and seal integrity. Valves, pipeline and vessels are all addressed.



### SOLUTION

**The only FDA compliant, TA Luft approved, Fire-safe gasket capable of sealing effectively using the low bolt stress available with stainless steel flanges.**

The serrated Kamm core provides a tighter seal and significantly reduces creep and relaxation, when compared to lower grade PTFE or rubber/fibre gaskets.

#### Training

Flexitallic endorse the European Sealing Association 'Best Available Techniques' in flange gasket assembly. **The Academy of Joint Integrity** is available to train your staff in both theory and practical installation techniques which when coupled with the Flexidram™ fire-safe gasket, will let your business realise all the benefits of true pipeline integrity.

Call **Flexitallic** to arrange a site visit and training.



ARE YOU *Flexitallic*  
**SAFE?**

**Flexidram™ Gaskets** are available to suit common standards, such as ASME B16.5, EN1092, BS10, BS4504, DN2366 and TAFT Flanges. We can also design to suit non-standard flanges, please contact Flexitallic for more information.

## KAMMPROFILE SEAL (serrated core)

### Advantage:

Low load sealing  
lightweight flanges

### Benefit:

- Can be used on thin flanges
- Blowout resistant
- Excellent compressibility and recovery
- Can be used on damaged flanges, no flange re-work needed.

## GRAPHITE SEAL

### Advantage:

Certified to API 6FB  
(oil industry) fire safety

### Benefit:

Fire-Safe to meet HSE /  
Insurer requirements



## PURE PTFE INNER RING

### Advantage:

FDA compliant  
– provides a clean seal

### Benefit:

Seal does not taint the spirit

## SUCCESS STORIES

Leading beverage alcohol manufacturers have been using the Flexidram™ for a decade.

Training has been delivered to Scotland's largest independent distillers – William Grant & Sons Limited

## FLANGE GASKETS AVAILABLE

- Imperial
- Metric
- Non-Standards  
/ Custom sizes

Order your Flexidram™ gasket today