



OXYGEN
[O₂]

HYDROGEN [H₂]

DVGW

FLANGE GASKETS

For the challenges of tomorrow.

LOW
EMISSION

TA-LUFT



idt-gaskets.com

NO MATTER WHAT'S FLOWING THROUGH YOUR PIPES.

High-quality gaskets are crucial for safe and efficient piping systems. We are your reliable partner, offering an extensive range of soft-material, combination, and metallic gaskets, along with advanced sealing solutions and maintenance products.

Our products have all the essential approvals and test reports, which confirm that they fulfil tightness, environmental and safety requirements [e.g. TA Luft, DVGW, FDA, BAM].

STEEL AND STAINLESS-STEEL FLANGES



Flange gasket made from UNISEAL®

[WS 3400 | FD01]

Gasket made of aramid fibers, inorganic fillers and optimized elastomers, high-strength and homogeneously bonded; free of physiologically harmful substances.



Flange gasket made from AFM 34 CO ME®

[WS 3133 | FD10]

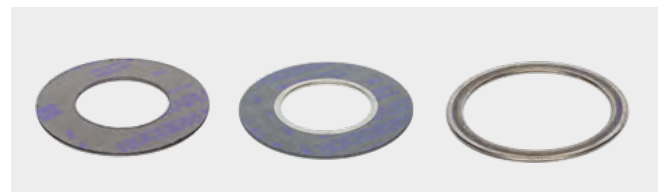
Gasket made of aramid fibers, inorganic fillers and optimized elastomers, high-strength and homogeneously bonded; free of physiologically harmful substances. With coating [CO] and metallic eyelet [ME]; optimized surface adaptation, improved leakage rate; maximum gas tightness even at low surface pressures, FDA-compliant.



Flange gasket made from SIGRAFLEX® Universal Pro

[WS 3865 | FD01, FD10]

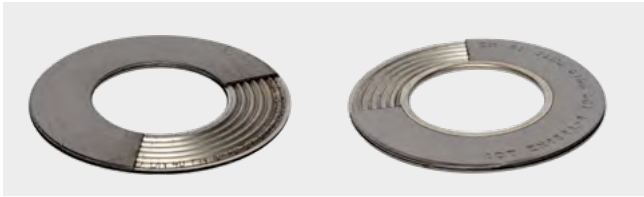
Graphite gasket with reinforced insert. Further development of the proven Sigraflex Universal. Low burn-off behavior, higher operational reliability and longer service life.



Flange gasket made from SIGRAFLEX® Hochdruck Pro

[WS 3888 | FD01, FD10, FD30]

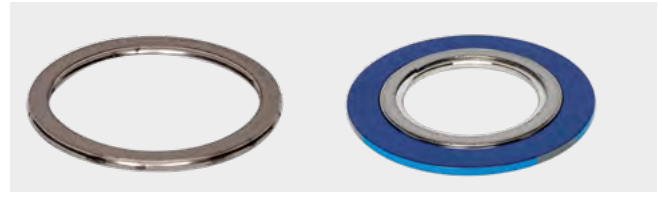
Graphite gasket with adhesive-free stainless steel foil inserts. Robust, high strength and good handling. Meets demanding leakage requirements. Erfüllt anspruchsvolle Leckage-Anforderungen.



Corrugated Metal Gasket

[WS 1.4571 | WD10, WD20]

Gasket made of corrugated stainless steel carrier with graphite foil coating on both sides. High tightness and excellent adaptation/compensation capacity with low surface pressures. Design with inner eyelet prevents contamination of the operating medium.



Spiral Wound Gasket

[WS 1.4541 | SD01, SD10]

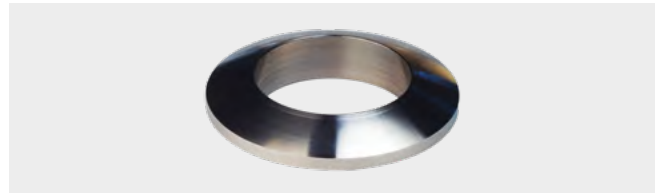
Gasket made of spirally wound metal strip with graphite filler. Particularly suitable for applications with high operating pressures and critical operating conditions [e.g. alternating loads].



Kammprofile Grooved Gasket

[WS 1.4571 | KD01, KD20, KD30]

Gasket made of comb-profiled stainless steel carrier with graphite foil coating on both sides. Requires low minimum surface pressure, suitable for very high surface pressure and extreme operating conditions, high pressure application limit and low leakage rate.



Lens Gasket

All-metal, turned gasket, primarily for high-pressure applications, preferably in pipe flanges. Available as standardized lens gaskets according to DIN 2696 and with spherical zones as sealing surfaces, primarily for chemical and plant engineering.



Envelope Gasket [PW-I]

[WS 1.4571 | ED01]

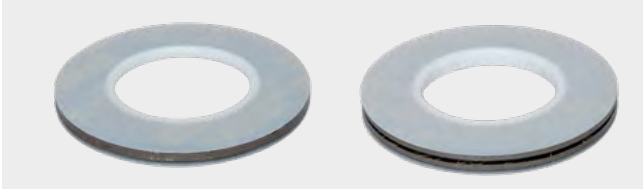
Gasket with envelope made of modified PTFE, internal diffusion barrier, and stainless-steel corrugated ring. Combines the outstanding material properties of PTFE with the excellent leakage values of the stainless-steel corrugated ring. Technical tightness is achieved even at low surface pressure.



RTJ Gasket

All-metal, turned gasket, primarily for applications with high pressure and/or temperature. Oval and octagonal shape made of soft iron, [steel], stainless-steel or special materials according to ASME B16.20 [DIN EN 12560-5] and API 6A for flanges to API 6B and ASME/ANSI B16.5 as well as ASME/ANSI B 16.4.

STEEL ENAMEL FLANGES



Envelope Gasket

[WS 7154, WS 7173 | ED10, ED30]

Gasket with envelope made of modified PTFE, internal diffusion barrier, soft material, or metal and soft material insert. Leading enamel flange manufacturers recommend the ED10 version up to a nominal diameter of DN 200. For larger nominal diameters, the ED30 profile is recommended due to its higher balancing capacity.



Flange Gasket made of UNIFLUOR®

[WS 7550 | FD01]

Gasket made of high-quality, multi-directional oriented PTFE, filled with hollow glass microspheres. Excellent deformation properties with high chemical resistance.

GRP FLANGES



Rubber-Steel-Gasket

[NBR, EPDM, FPM | GS01, GS10]

Gasket made of a spherically shaped rubber body and a steel ring in the middle. Rubber coating and steel insert form a stable bond that can withstand high loads. Increased stability and blow-out resistance due to steel insert, spherical shape creates partial increase in surface pressure.



Flange Gasket made of UNIFLUOR®

[WS 7745 | FD11]

Optimized ePTFE flat gasket with a homogeneous inner eyelet made of modified PTFE and a highly compressed centering edge. For stress-sensitive connections with extremely low leakage rates at extremely low surface pressures and the highest demands on product purity.

MAINTENANCE PRODUCTS



Line Blanks

Offer safe handling during pressure tests and maintenance work.

We manufacture line blanks for DIN and ASME flanges and according to customer standards in various designs and different materials.



Flangeguards

Made of stainless steel or PTFE, offer reliable protection against splashes from flanges and other pipe connections.

Prevent dangerous spray formation, guarantee defined dripping and reliable pressure reduction.



Fingersaver

The finger saver protects your fingers from injuries caused by hammer blows and pinching during maintenance work.

We offer the Fingersaver in three lengths: compact, standard and long.