**thoenes<sup>®</sup> DO181**

**thoenes<sup>®</sup> DO181** is a sealing material based on aramid and graphite. The graphite gives the sealing material a good thermal and chemical resistance, the aramid the corresponding strength. Furthermore, the material is characterised by its high compressibility despite low density, its good stress resistance and its flexibility.

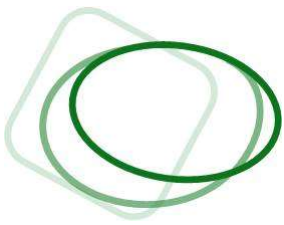
<b>Basis:</b>	Aramid fibre, natural graphite, inorganic fillers, NBR
<b>Colour:</b>	Grey
<b>Surface coating:</b>	Standard - without non-stick coating Other coatings on request
<b>Certifications:</b>	AMTEC TA-Luft (VDI 2440)
<b>Applications:</b>	Wide range of applications, especially for steam supply, chemicals and heating system. Use in flanges, valves, pumps, compressors, heat exchangers in power plants.

**Technical specifications (typical values at 2 mm thickness)**

Description	DIN 28091-2		FA-AC1-0
<b>Density</b>	DIN 28090-2	g/cm <sup>3</sup>	1.2
<b>Compressibility</b>	ASTM F 36/J	%	35
<b>Resilience</b>	ASTM F 36/J	%	17
<b>Tensile strength</b>	ASTM F152	MPa	4.5
<b>Pressure resistance</b>	DIN 52913		
50 MPa, T= 175°C, 16 h		MPa	40
50 MPa, T= 300°C, 16 h		MPa	35
<b>Media resistance in Oil IRM 903, 5 h, 150 °C</b>	ASTM F 146		
Thickness increase		%	3
Weight increase		%	30
<b>Media resistance in ASTM fuel B, 5 h, 23 °C</b>	ASTM F 146		
Thickness increase		%	2
Weight increase		%	25
<b>Specific leakage rate</b>	DIN 3535/6	mg/m*s	0.5
<b>Creep deformation</b>			
Change in thickness at 20 °C, 50 MPa		%	33
Change in thickness at 300 °C, 50 MPa		%	8
Change in thickness at 400 °C, 50 MPa		%	17
<b>Cold compression value <math>\epsilon_{KSW}</math></b>	DIN 28090-2	%	26
<b>Cold rebound value <math>\epsilon_{KRW}</math></b>	DIN 28090-2	%	3.0
<b>Warm setting value <math>\epsilon_{WSW/200\text{ °C}}</math></b>	DIN 28090-2	%	5
<b>Warm rebound value <math>\epsilon_{WRW/200\text{ °C}}</math></b>	DIN 28090-2	%	0.5

<b>Dimensions:</b>	Plate sizes *	1500 mm x 1480 mm; 2000 mm x 1480 mm
	Thickness *	0.5 mm; 1.0 mm; 1.5 mm; 2.0 mm; 3.0 mm

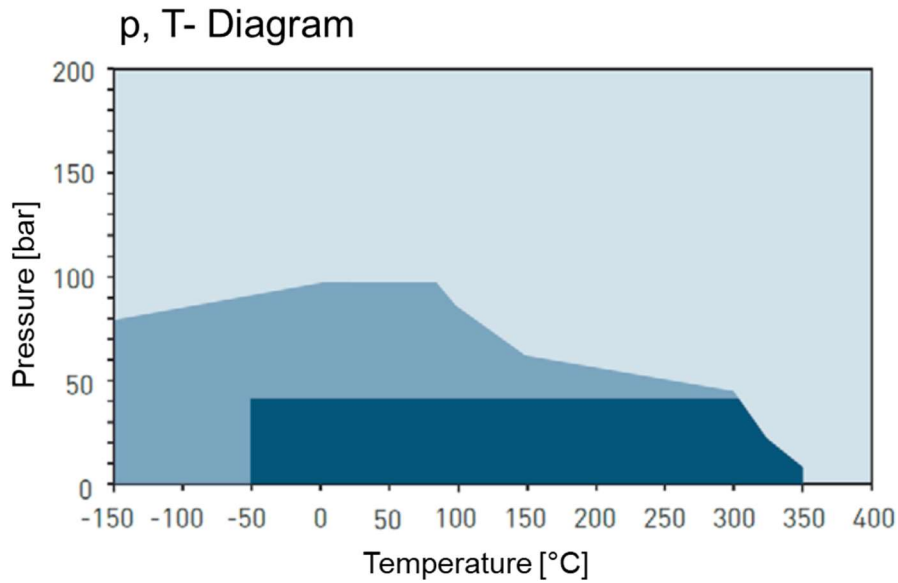
\* Different sizes and thicknesses on request



Gaskets

Fibre rubber sealings

### Recommendations for use



- General suitability - Under common installation practices and chemical compatibility.
- Conditional suitability – Appropriate measures ensure maximum performance for joint design and gasket installation. Technical consultation is recommended.
- Limited suitability – Technical consultation is mandatory.

Chemical resistance chart

Legend

<input checked="" type="checkbox"/>	Resistant
<input checked="" type="checkbox"/>	Resistance/ recommendation depends on operation conditions
<input checked="" type="checkbox"/>	Not resistant

Substance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Substance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Substance	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Acetamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Dioxane	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Oleic acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Acetic acid, 10 %	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Diphyl (Dowtherm A)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oleum (Sulfuric acid, fuming)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Acetic acid, 100 % (Glacial)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Esters	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Oxalic acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Acetone	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ethane (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oxygen (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Acetonitrile	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ethers	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Palmitic acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Acetylene (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ethyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Paraffin oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Acid chlorides	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ethyl alcohol (Ethanol)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pentane	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Acrylic acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ethyl cellulose	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Perchloroethylene	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Acrylonitrile	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Ethyl chloride (gas)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Petroleum (Crude oil)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Adipic acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ethylene (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Phenol (Carbolic acid)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ethylene glycol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Phosphoric acid, 40 %	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Alcohols	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Formaldehyde (Formalin)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Phosphoric acid, 85 %	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aldehydes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Formamide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Phthalic acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alum	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Formic acid, 10 %	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potassium acetate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aluminium acetat	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Formic acid, 85 %	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Potassium bicarbonate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aluminium chlorate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Formic acid, 100 %	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Potassium carbonate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aluminium chloride	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Freon-12 (R-12)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potassium chloride	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aluminium sulfate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Freon-134a (R-134a)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potassium cyanide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Amines	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Freon-22 (R-22)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Potassium dichromate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ammonia (gas)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fruit juices	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potassium hydroxide	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ammonium bicarbonate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Fuel oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potassium iodide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium chloride	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Gasoline	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potassium nitrate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ammonium hydroxide	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gelatin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potassium permanganate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Amyl acetate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Glycerine (Glycerol)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Propane (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anhydrides	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Glycols	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Propylene (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aniline	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helium (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pyridine	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Anisole	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Heptane	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Salicylic acid	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Argon (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydraulic oil (Glycol based)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Seawater/ brine	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Asphalt	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydraulic oil (Mineral type)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Silicones (oil/ greases)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Barium chloride	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydraulic oil (Phosphate ester based)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Soaps	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Benzaldehyde	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hydrazine	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sodium aluminate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Benzene	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydrocarbons	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sodium bicarbonate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Benzoic acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydrochloric acid, 10 %	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sodium bisulfite	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bio-diesel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydrochloric acid, 37 %	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sodium carbonate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bio-ethanol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydrofluoric acid, 10 %	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sodium chloride	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Black liquor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydrofluoric acid, 48 %	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sodium cyanide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Borax	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Hydrogen (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sodium hydroxide	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Boric acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Iron sulfate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sodium hypochlorite (Bleach)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Butadiene (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Isobutane (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sodium silicate (Water glass)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Butane (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Isooctane	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sodium sulfate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Butyl alcohol (Butanol)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Isoprene	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sodium sulfide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Butyric acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Isopropyl alcohol (Isopropanol)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Starch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calcium chloride	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kerosene	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Steam	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Calcium hydroxide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ketones	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stearic acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carbon dioxide (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lactic acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Styrene	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Carbon monoxide (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lead acetate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sugars	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cellosolve	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lead arsenate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sulfur	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chlorine (gas)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Magnesium sulfate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sulfur dioxide (gas)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Chlorine (in water)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Maleic acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sulfuric acid, 20 %	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chlorobenzene	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Malic acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sulfuric acid, 98 %	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chloroform	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Methane (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sulfuryl chloride	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chloroprene	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Methyl alcohol (Methanol)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tar	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chlorosilanes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Methyl chloride (gas)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tartaric acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chromic acid	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Methylene dichloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tetrahydrofuran (THF)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Citric acid	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Methyl ethyl ketone (MEK)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Titanium tetrachloride	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Copper acetate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N-Methyl-pyrrolidone (NMP)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Toluene	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Copper sulfate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Milk	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2,4-Toluenediisocyanate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Creosote	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mineral oil (ASTM no. 1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Transformer oil (Mineral type)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cresols (Cresylic acid)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Trichloroethylene	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cyclohexane	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Naphtha	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vinegar	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cyclohexanol	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nitric acid, 10 %	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vinyl chloride (gas)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cyclohexanone	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Nitric acid, 65 %	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Vinylidene chloride	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Decalin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nitrobenzene	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dextrin	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Nitrogen (gas)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	White spirits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dibenzyl ether	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Nitrous gases (NO <sub>x</sub> )	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Xylenes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dibutyl phthalate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Octane	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Xylenol	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dimethylacetamide (DMA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Oils (Essential)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Zinc sulfate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dimethylformamide (DMF)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Oils (Vegetable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The recommendations made here serve only as a guideline for the selection of a suitable gasket. Since the function and durability of a gasket depends on a large number of factors, the information provided cannot be used to substantiate warranty claims. If there are special approval regulations, these must be observed.