

### MXT-2244000000

## Gasket-Klingersil-C-4400

CHEMICAL RESISTANCE SHEET MATERIALS TABEL see page 3-7



High quality non-asbestos grade based on aramid fibre with nitrile rubber binder. A general purpose material for many industrial-sealing applications.

### **General Properties**

- Good resistance to oils, fuels, hydrocarbons
- Good creep resistance
- Low leakage
- Very successful in internal combustion engine applications
- 3xA anti-stick finish on both sides

#### **Tests and Certifications**

- BS 7531 Grade Y
- BS F 130 Type A
- Firesafe HTB 90.0223.39.0
- DIN-DVGW
- BAM U W28 for use with oxygen 100°C / 80 Bar
- KTW A 528/88/G
- SVGW 89-053-7
- Germanischer Lloyd 98 952 97 HH
- TA-Luft (Clean Air) certificate acc. VDI 2440







aerospace sector certification scheme

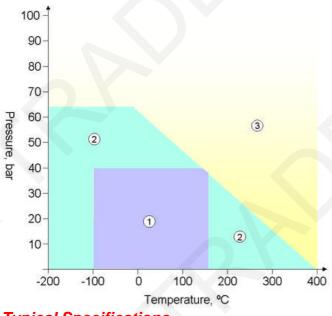
BS EN 9100:2003, ISO 9001:2008 Certificate no: FM 10571

### Availability

Thickness (mm): 2



## Gasket-Klingersil-C-4400



# Application Guidelines

- 1. Usually satisfactory without reference.
- 2. Usually satisfactory, but suggest you refer to Klinger for advice
- 3. Caution: May be suitable but essential that you refer to Klinger for advice.

Chemical compatibility must be considered in all cases.

### **Typical Specifications**

Compressibility ASTM F 36 A		11%
Recovery ASTM F 36 A		55%
Stress relaxation DIN 52913	50MPa, 16h/175°C	32MPa
	50MPa, 16h/300°C	25MPa
Stress relaxation BS 7531		23MPa
Klinger cold/hot compression, 50MPa	Thickness decrease 23°C	10%
	Thickness decrease at 300°C	20%
Gas leakage according to DIN 3535/6		0.02ml/min
Thickness increase after fluid	Oil no.3:5h/150°C	3%
immersion ASTM F 146	Fuel B:5h/23°C	5%
Chlorides (soluble)		150ppm
Density		1.6g/cm <sup>3</sup>
Average surface resistance	$R_{OA}$	1.4x10E12 Ω
Average specific volume resistance	$\rho_{D}$	$1.2x10E12 \Omega cm$
Average dielectric strength	, 2	21.6 kV/mm
Average power factor	1kHz,ca. 2mm thick	0.075 tan $\delta$
Average dielectric constant	1kHz,ca.2mm thick	7.7 εr
Thermal conductivity		0.4-0.42W/mK

All information and recommendations contained in this specification sheet are to the best of our knowledge correct. Since conditions of use are beyond our control, users must satisfy themselves that the products are suitable for the intended processes and uses. No warranty is given or implied in respect of information or recommendations or that any use of products will not infringe rights belonging to other parties. In any event or occurrence our liability is limited to our invoice value of the goods delivered by us to you. We reserve the right to change product design and properties without notice

### **CHEMICAL RESISTANCE OF SHEET MATERIALS**

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Media	Formula	Klinger Quantum / Top-sil-ML1	00	00	00	60	00	4	Top-graph-2000	hite	Top-chem-2000/ 2003 Softchem	Top-chem-2005	Top-chem-2006	_
		Kling /Top-	C-4400	C-4430	C-4500	C-4509	C-8200	C-4324	Top-	Graphite	Top-c 2003	Top-qo1	Top-q	Milam
Α														
Acetaldehyde	CH <sub>3</sub> CHO	В	В	В	В	В	Α	В	В	Α	Α	Α	Α	Α
Acetamide	CH <sub>3</sub> COCH <sub>2</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Acetic acid	CH <sub>2</sub> COOH	Α	Α	Α	Α	С	Α	Α	Α	Α	Α	Α	Α	Α
Acetic ether	CH <sub>3</sub> COOC <sub>2</sub> H <sub>5</sub>	В	В	В	В	В	В	В	В	Α	Α	Α	Α	Α
Acetone	CH <sub>3</sub> COCH <sub>3</sub>	В	В	В	В	В	A	В	В	Α	Α	Α	Α	Α
Acetylene	C <sub>2</sub> H <sub>2</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Adipic acid	COOH(CH <sub>2</sub> ) <sub>4</sub> COOH	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Alum	KAI(SO <sub>4</sub> ) <sub>2</sub>	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	Α
Aluminium acetate	(CH <sub>3</sub> COO) <sub>3</sub> Al	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	Α
Aluminium chlorate	AI(CIO <sub>3</sub> ) <sub>3</sub>	Α	Α	Α	Α	C	Α	Α	В	Α	Α	Α	Α	Α
Aluminium chloride	AICI <sub>3</sub>	Α	A	Α	А	В	Α	Α	Α	Α	Α	Α	Α	Α
Ammonia	NH <sub>3</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	В	Α	Α
Ammonium bicarbonate	NH <sub>4</sub> HCO <sub>3</sub>	Α	А	A	Α	Α	Α	Α	В	Α	Α	Α	A	Α
Ammonium chloride	NH₄CI	Α	A	Α	Α	C	Α	Α	Α	Α	Α	A	Α	Α
Ammonium diphosphate	(NH <sub>4</sub> ) <sub>2</sub> HPO <sub>4</sub>	A	Α	Α	Α	В	Α	Α	Α	Α	Α	А	A	Α
Ammonium hydroxide	NH <sub>4</sub> OH	A	Α	Α	Α	В	Α	Α	С	A	А	Α	Α	Α
Amyl acetate	CHCOOC <sub>5</sub> H <sub>11</sub>	В	В	В	В	В	В	В	Α	A	A	Α	Α	Α
Aniline	C <sub>6</sub> H <sub>5</sub> NH <sub>2</sub>	C	C	C	C	C	C	C	C	Α	Α	Α	Α	Α
Asphalt (tar)		Α	Α	Α	Α	Α	Α	A	С	Α	Α	Α	Α	Α
ASTM oil 1		Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
ASTM oil 3		Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
В														
Barium chloride	BaCl <sub>2</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Benzene	C <sub>6</sub> H <sub>6</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Benzine		Α	A	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Benzoic acid	C <sub>6</sub> H <sub>5</sub> COOH	В	В	В	Α	В	Α	В	В	Α	Α	Α	A	Α
Bleach	Ca(OCI) <sub>2</sub>	Α	Α	Α	Α	С	Α	Α	Α	Α	Α	Α	Α	Α
Borax	Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> .10H <sub>2</sub> O	A	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	A
Butane	C <sub>4</sub> H <sub>10</sub>	А	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Butanone		В	В	В	В	В	В	В	В	Α	Α	Α	Α	Α
Butyl acetate	CHCOOC <sub>4</sub> H	В	В	В	В	В	В	В	Α	Α	Α	Α	Α	Α
Butyl alcohol (butanol)	C <sub>4</sub> H <sub>9</sub> OH	А	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
С														
Calcium chloride	CaCl <sub>2</sub>	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	Α
Calcium hydroxide	Ca(OH) <sub>2</sub>	Α	Α	Α	Α	В	Α	Α	В	Α	Α	В	Α	Α
Calcium sulphate	CaSO <sub>4</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Carbon dioxide	CO <sub>2</sub>	Α	Α	Α	Α	A	Α	Α	Α	Α	Α	Α	Α	Α
Carbon disulphide	CS <sub>2</sub>	C	С	C	В	C	С	C	Α	Α	Α	Α	Α	Α

A - Suitable

B - Suitability depends on operating conditions

C - Not suitable

		uantum AL1							h-2000		-2000/ -chem	1-2005	1-2006	
Media	Formula	Klinger Quantum / Top-sil-ML1	C-4400	C-4430	C-4500	C-4509	C-8200	C-4324	Top-graph-2000	Graphite	Top-chem-2000/ 2003 Soft-chem	Top-chem-2005	Top-chem-2006	Milam
Carbon tetrachloride	CCI <sub>4</sub>	В	В	В	В	В	С	В	В	Α	Α	Α	Α	Α
Castor oil		Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Chlorine (dry)	Cl <sub>2</sub>	В	В	В	В	В	В	В	В	В	A	Α	Α	Α
Chlorine water (0.5%)		Α	Α	Α	Α	C	Α	Α	Α	В	Α	Α	Α	Α
Chlorine (wet)	Cl <sub>2</sub>	С	C	С	C	С	С	С	С	В	Α	Α	Α	Α
Chloroform	CHCI <sub>3</sub>	В	В	В	В	В	В	В	В	Α	Α	Α	Α	Α
Chloromethane	CH <sub>3</sub> CI	В	В	В	В	В	В	В	В	Α	Α	Α	Α	Α
Chromic acid	H <sub>2</sub> CrO <sub>4</sub>	В	В	В	В	C	В	C	В	C	Α	Α	Α	Α
Citric acid	(CH <sub>2</sub> COOH) <sub>2</sub> C(OH) COOH	Α	Α	Α	A	Α	Α	A	Α	Α	Α	Α	Α	Α
Clophen	T64	В	В	В	В	В	В	В	В	Α	Α	Α	Α	Α
Copper acetate	(CH <sub>3</sub> COO) <sub>2</sub> Cu	Α	Α	A	Α	Α	Α	Α	Α	Α	Α	Α	Α <	Α
Copper sulphate	CuS <sub>4</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Creosote		C	C	C	C	С	С	С	С	Α	Α	Α	Α	Α
Cresol	C <sub>6</sub> H <sub>4</sub> (OH)CH <sub>3</sub>	В	В	В	В	В	В	В	С	Α	Α	Α	A	A
Cyclohexanol	C <sub>6</sub> H <sub>11</sub> OH	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Cyclohexanone	$C_5H_{10}O$	C	C	С	С	С	С	С	С	Α	Α	Α	Α	Α
D														
Decalin	C <sub>10</sub> H <sub>18</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Di-benzylether	(C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub> ) <sub>2</sub> O	С	C	С	С	С	С	С	В	Α	Α	Α	Α	Α
Di-butylphthalate	C <sub>6</sub> H <sub>4</sub> (COOC <sub>4</sub> H <sub>9</sub> ) <sub>2</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Dimethylformamide	HCON(CH <sub>3</sub> ) <sub>2</sub>	С	C	С	С	С	С	C	C	Α	Α	Α	Α	Α
Diphyl (Dowtherm A)		Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
							/							
E														
Ethane	C <sub>2</sub> H <sub>6</sub>	Α	Α	Α	Α	Α	A	Α	Α	Α	Α	Α	Α	Α
Ethyl acetate	CH <sub>3</sub> COOC <sub>2</sub> H <sub>5</sub>	В	В	В	В	В	В	В	Α	Α	Α	Α	Α	Α
Ethyl alcohol (Ethanol)	C <sub>2</sub> H <sub>5</sub> OH	Α	Α	Α	Α	A	Α	Α	Α	Α	Α	Α	Α	Α
Ethyl chloride	C <sub>2</sub> H <sub>5</sub> CI	В	В	В	В	В	В	В	В	Α	Α	Α	Α	Α
Ethyl ether	C <sub>2</sub> H <sub>5</sub> OC <sub>2</sub> H <sub>5</sub>	A	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	A
Ethylene chloride	(CH <sub>2</sub> CI) <sub>2</sub>	С	С	С	С	С	Α	С	С	Α	Α	Α	Α	Α
Ethylene glycol	(CH <sub>2</sub> OH)2	A	A	Α	Α	Α	Α	Α	Α	A	Α	Α	Α	Α
F														
Formaldehyde	CH <sub>2</sub> O	A	Α	Α	Α	Α	Α	Α	В	Α	Α	Α	Α	Α
Formamide	HCONH <sub>2</sub>	В	В	В	Α	В	В	В	В	Α	A	Α	Α	Α
Freon 12		Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Freon 22		В	В	В	В	В	Α	В	Α	Α	Α	Α	Α	Α
C														
G	CILO													
Glucose	$C_6H_{12}O_6$	Α	Α	Α	A	Α	Α	Α	Α	Α	Α	Α	Α	Α

A - Suitable

B - Suitability depends on operating conditions

C - Not suitable

### CHEMICAL RESISTANCE OF SHEET MATERIALS

		_												
Media	Formula	Klinger Quantum / Top-sil-ML1						_	Top-graph-2000	te	Top-chem-2000/ 2003 Soft-chem	Top-chem-2005	Top-chem-2006	
		Klinger Quar /Top-sil-ML1	C-4400	C-4430	C-4500	C-4509	C-8200	C-4324	Top-gr	Graphite	Top-ch 2003 S	Top-ch	Top-ch	Milam
Glycerine	(CH2OH2)CHOH	А	Α	А	А	Α	А	Α	Α	А	А	Α	А	Α
Н														
Heptane	C <sub>7</sub> H <sub>16</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Hydraulic oil (mineral/Glycol)		Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	Α
Hydraulic oil (phosphate ester)		В	В	В	В	В	В	В	В	Α	Α	Α	Α	Α
Hydrazine hydrate	(NH <sub>2</sub> )2H <sub>2</sub> O	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Hydrochloric acid (20%)	HCI	В	В	В	В	C	Α	В	В	Α	Α	Α	C	Α
Hydrochloric acid (30%)	HCI	С	C	C	C	C	Α	C	С	Α	Α	Α	C	A
Hydrofluoric acid (10%)	HF	С	C	С	C	C	Α	С	С	Α	Α	C	C	Α
Hydrogen	H <sub>2</sub>	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	Α
Hydrogen peroxide (<6%ww)	H <sub>2</sub> O <sub>2</sub>	Α	Α	Α	Α	С	Α	Α	С	Α	Α	Α	Α	Α
1														
Iso-octane	(CH <sub>3</sub> ) <sub>3</sub> CCH <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub>	A	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Iso-propyl alcohol	(CH <sub>3</sub> ) <sub>2</sub> CHOH	Α	Α	Α	Α	Α	Α	Α	Α	A	Α	Α	Α	Α
K														
Kerosene (petroleum)		Α	Α	Α	Α	Α	Α	Α	Α	А	A	Α	Α	Α
L	(CIL COO) PI													
Lead acetate	(CH <sub>3</sub> COO) <sub>2</sub> Pb	A	A	A	A	A	A	A	A	A	A	A	A	A
Lead arsenate	Pb <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub>	Α	A	Α	A	A	Α	Α	Α	A	Α	Α	Α	Α
M														
Magnesium sulphate	MgSO <sub>4</sub>	Α	Α	Α	A	Α	Α	Α	Α	Α	Α	Α	Α	Α
Methane	CH <sub>4</sub>	A	A	A	A	A	A	A	A	A	A	A	A	A
Methyl alcohol	CH <sub>4</sub> OH	A	A	A	A	A	A	A	A	A	A	A	A	A
Methyl chloride	CH <sub>3</sub> CI	В	В	В	В	В	В	В	В	A	A	A	A	A
Methyl ethyl ketone	CH,COO,H,	В	В	В	В	В	В	В	В	Α	Α	A	A	Α
Methylene chloride	CH <sub>2</sub> Cl <sub>2</sub>	С	С	С	С	С	В	С	В	Α	А	Α	A	Α
N														
Naphtha		A	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Nitrobenzene	C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub>	С	C	C	C	C	C	С	С	Α	Α	Α	Α	Α
Nitrogen	N <sub>2</sub>	Α	Α	Α	Α	Α	Α	A	Α	Α	Α	Α	Α	Α
Nitric Acid	HNO <sub>3</sub>	С	С	С	С	С	В	С	С	С	Α	Α	В	Α
0														
Octane	C <sub>8</sub> H <sub>18</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Oleum		С	С	C	C	C	C	С	C	С	Α	Α	C	Α
(fuming sulphuric acid)														

A - Suitable

B - Suitability depends on operating conditions

C - Not suitable

### CHEMICAL RESISTANCE OF SHEET MATERIALS

		_												
		Klinger Quantum / Top-sil-ML1							2000		000/ hem	5002	900	
Media	Formula	Qua I-ML							aph-2	g.	em-2 oft-cl	em-2	em-2	
		Klinger Quan Top-sil-ML1	C-4400	C-4430	C-4500	C-4509	C-8200	C-4324	Top-graph-2000	Graphite	Top-chem-2000/ 2003 Soft-chem	Top-chem-2005	Top-chem-2006	Milam
Oxalic acid	HO <sub>2</sub> CCO <sub>2</sub> H	В	В	В	В	В	A	В	В	A	A	A	Α	A
Oxygen	O <sub>2</sub>	A	Α	Α	Α	В	Α	Α	В	Α	Α	Α	Α	Α
P								-						
Pentane	C <sub>s</sub> H <sub>12</sub>	Α	Α	Α	Α	Α	Α	Α	A	A	A	Α	Α	Α
Perchloroethylene	C <sub>2</sub> CI <sub>4</sub>	В	В	В	В	В	В	В	В	A	A	A	A	A
Petroleum ether	C <sub>2</sub> Cl <sub>4</sub>	A	A	A	A	A	A	A	A	A	A	A	A	A
Phenol	C,H,OH	C	С	C	С	C	В	C	C	A	A	A	A	A
Phosphoric acid	H <sub>3</sub> PO <sub>4</sub>	A	A	A	A	C	A	С	A	A	A	A	A	A
Phthalic acid	(C <sub>6</sub> H <sub>4</sub> COOH) <sub>2</sub>	A	A	Α	A	A	A	Α	Α	A	A	Α	A	A
Potassium acetate	CH <sub>3</sub> COOK	Α	Α	A	A	A	Α	Α	Α	Α	Α	Α	Α	Α
Potassium carbonate	K,CO <sub>3</sub>	Α	Α	А	Α	Α	Α	Α	В	Α	Α	Α	A	Α
Potassium chlorate	KCIO,	А	A	А	A	С	Α	Α	Α	В	Α	Α	А	Α
Potassium chloride	KCI	A	Α	A	A	Α	Α	Α	Α	А	Α	A	A	Α
Potassium cyanide	KCN	A	A	A	Α	Α	Α	Α	Α	Α	Α	A	A	А
Potassium dichromate	K,Cr,O,	A	A	Α	Α	В	Α	Α	Α	В	Α	Α	A	A
Potassium hydroxide	КОН	В	В	В	Α	В	Α	В	В	Α	Α	С	Α	Α
Potassium hypochlorite	KCIO	A	Α	Α	Α	C	Α	В	Α	В	Α	Α	Α	Α
Potassium nitrate	KNO <sub>3</sub>	А	Α	Α	Α	Α	Α	Α	Α	А	A	Α	А	Α
Potassium permanganate	KMnO <sub>4</sub>	Α	Α	Α	Α	Α	Α	Α	Α	В	Α	Α	Α	Α
Propane	C <sub>3</sub> H <sub>8</sub>	А	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Pyridine	C <sub>s</sub> H <sub>s</sub> N	С	С	С	С	С	С	C	С	Α	Α	Α	Α	Α
S														
Salt	NaCl	Α	Α	Α	Α	A	Α	Α	Α	Α	Α	Α	Α	Α
Silicone oil		Α	Α	Α	Α	A	Α	Α	Α	Α	Α	Α	Α	Α
Soda	Na <sub>2</sub> CO <sub>3</sub>	Α	Α	A	А	Α	A	Α	Α	Α	Α	C	Α	Α
Sodium aluminate	Na <sub>3</sub> AIO <sub>3</sub>	Α	Α	Α	Α	А	Α	Α	Α	Α	Α	Α	Α	Α
Sodium bisulphite	NaHSO <sub>3</sub>	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α	Α
Sodium carbonate	NaHCO <sub>3</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Sodium chloride	NaCl	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	A	Α
Sodium cyanide	NaCN	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Sodium hydroxide	NaOH	В	В	В	Α	В	Α	В	В	A	Α	C	Α	Α
Sodium silicate (water glass)		А	Α	Α	Α	Α	Α	Α	Α	A	Α	Α	Α	Α
Sodium sulphate	Na <sub>2</sub> SO <sub>4</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	A	Α	Α
Sodium sulphide	Na <sub>2</sub> S	Α	Α	Α	Α	Α	Α	Α	Α	Α	A	Α	Α	Α
Steam	H <sub>2</sub> O	В	В	В	В	В	В	В	Α	Α	В	В	В	Α
Stearic acid	C <sub>17</sub> H <sub>35</sub> COOH	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Sulphur dioxide	SO <sub>2</sub>	С	C	С	В	C	Α	С	В	Α	А	Α	Α	Α
Sulphuric acid	H <sub>2</sub> SO <sub>4</sub>	С	С	C	C	C	Α	С	С	В	Α	Α	C	Α
Т														

A - Suitable

B - Suitability depends on operating conditions

C - Not suitable

Media	Formula	Klinger Quantum / Top-sil-ML1	C-4400	C-4430	C-4500	C-4509	C-8200	C-4324	Top-graph-2000	Graphite	Top-chem-2000/ 2003 Soft-chem	Top-chem-2005	Top-chem-2006	Milam
Tetrachloroethane	C <sub>2</sub> H <sub>2</sub> CI <sub>4</sub>	В	В	В	В	В	В	В	В	Α	Α	Α	Α	Α
Tetraline	C <sub>10</sub> H <sub>12</sub>	A	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Toluene	C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub>	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Transformer oil		Α	Α	Α	Α	Α	В	Α	Α	Α	Α	Α	Α	Α
Trichloroethylene	C <sub>2</sub> HCI <sub>3</sub>	В	В	В	В	В	В	В	В	Α	Α	Α	Α	Α
Triethanolamine	N(CH <sub>2</sub> CH <sub>2</sub> OHO <sub>3</sub>	Α	Α	Α	Α	Α	A	Α	A	Α	Α	Α	Α	Α
U														
Urea	(NH <sub>2</sub> ) <sub>2</sub> CO	А	Α	Α	A	Α	Α	Α	Α	Α	Α	Α	Α	Α
V														
Vinyl acetate	CH <sub>3</sub> COOC <sub>2</sub> H <sub>3</sub>	Α	A	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
W														
Water	H <sub>2</sub> O	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	A	Α	Α
Water glass	Na <sub>2</sub> SiO <sub>3</sub>	A	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Х														
Xylol	C <sub>6</sub> H <sub>4</sub> (CH <sub>3</sub> ) <sub>2</sub>	Α	Α	Α	Α	Α	Α	Α	A	Α	Α	Α	Α	Α

A - Suitable

B - Suitability depends on operating conditions

C - Not suitable

Klinger gasket materials can be selected from the following table. The following information should be used as a guide only. Please contact our Technical Services Department if in any doubt.

All information and recommendations contained in this publication are to the best of our knowledge correct. Since conditions of use are beyond our control users must satisfy themselves that products are suitable for the intended processes and uses.

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