

Tabellen nedan tjänar som en vägledning vid val av konstruktionsmaterial på armatur, för de inom industrin oftast förekommande media. Tabellen är en sammanfattning av våra leverantörers samlade kunskap i ämnet. Då varje driftsfall måste betraktas som unikt, kan vi ej ta ansvar för eller garantera materialens beständighet i processer, utan tabellen kan endast ses som en vägledning vid val av material och tätningar. Kontakta Ventim vid specifika driftsfall.

## Teckenförklaring

- 1 Beständigt = materialet påverkas ej, eller försumbart
  - 2 Begränsad beständighet = materialet påverkas, vilket medför kortare livslängd än punkt 1 ovan. Kontakta Ventim för noggrannare materialkontroll.
  - 3 Mycket begränsad beständighet = materialet påverkas i sådan utsträckning att det ej bör användas för mediet vid angivna koncentrations- och temperaturförhållanden.
  - 4 Ej beständigt = kan ej användas.
  - 5 Har ej testats, används ej.
- Kp Kokpunkt.  
 \* Tätningarna av KFC och metall som är angivna i tabellen gäller endast kulventiler av fabrikat Klinger.

| Medium             | Kemisk formel  | Koncentration och temperatur |     | Material       |          |         |      |               |         | Tätningar |         |            |          |          |      |       |      |         |
|--------------------|--|------------------------------|-----|----------------|----------|---------|------|---------------|---------|-----------|---------|------------|----------|----------|------|-------|------|---------|
|                    |  | %                            | °C  | Aluminiumbrons | Gjutjärn | Segjärn | Stål | Syrafast stål | Mässing | EPDM      | Hypalon | Naturgummi | Neoprene | Perbunan | PTFE | Viton | KFC* | Metall* |
| Aceton             | CH <sub>3</sub> COCH <sub>3</sub>                            |                              | 20  | 1              | 1        | 1       | 1    | 1             | 4       | 3         | 4       | 3          | 4        | 4        | 1    | 4     | 1    | 1       |
| Acetylen           | C <sub>2</sub> H <sub>2</sub>                                |                              |     | 3              | 1        | 1       | 1    | 1             | 4       | 1         | 3       | 3          | 3        | 2        | 1    | 1     | 1    | 1       |
| Aluminiumacetat    | (CH <sub>3</sub> COO) <sub>3</sub> Al                        |                              |     | 4              | 4        | 4       | 4    | 1             | 4       | 1         | 4       | 2          | 4        | 4        | 1    | 4     | 1    | 1       |
| Aluminiumfluorid   | AlF <sub>3</sub>   |                              |     | 2              | 3        | 3       | 3    | 3             | 1       | 1         | 2       | 1          | 1        | 1        | 1    | 1     | 1    | 4       |
| Aluminiumklorat    | Al(ClO <sub>3</sub> ) <sub>3</sub>                           |                              |     | 5              | 5        | 5       | 5    | 1             | 5       | 5         | 5       | 5          | 5        | 5        | 1    | 4     | 1    | 1       |
| Aluminiumsulfat    | Al <sub>2</sub> (SO <sub>4</sub> ) <sub>3</sub>              |                              |     | 4              | 4        | 4       | 4    | 1             | 4       | 1         | 2       | 1          | 1        | 1        | 1    | 1     | 5    | 5       |
| Alun               | KAl(SO <sub>4</sub> ) <sub>2</sub>                           | 10                           | 20  | 4              | 4        | 4       | 4    | 1             | 4       | 5         | 5       | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Alun               | KAl(SO <sub>4</sub> ) <sub>2</sub>                           | 10                           | 100 | 4              | 4        | 4       | 4    | 1             | 4       | 5         | 5       | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Ammoniak           | NH <sub>3</sub>  | 10                           | 20  | 4              | 2        | 2       | 1    | 1             | 4       | 2         | 2       | 4          | 2        | 2        | 1    | 4     | 1    | 1       |
| Ammoniumbikarbonat | (NH <sub>4</sub> ) <sub>2</sub> HCO <sub>3</sub>             |                              |     | 4              | 2        | 2       | 1    | 1             | 5       | 1         | 2       | 2          | 1        | 2        | 1    | 4     | 1    | 1       |
| Ammoniumkarbonat   | (NH <sub>4</sub> ) <sub>2</sub> CO <sub>3</sub>              |                              | Kp  | 4              | 3        | 3       | 3    | 1             | 5       | 1         | 2       | 2          | 1        | 3        | 1    | 4     | 1    | 1       |
| Ammoniumklorid     | NH <sub>4</sub> Cl   | 10                           | 20  | 4              | 4        | 4       | 4    | 1             | 4       | 1         | 1       | 1          | 1        | 2        | 1    | 1     | 1    | 1       |
| Ammoniumnitrat     | NH <sub>4</sub> NO <sub>3</sub>                              |                              | Kp  | 5              | 3        | 5       | 3    | 1             | 5       | 5         | 5       | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Ammoniumsulfat     | (NH <sub>4</sub> ) <sub>2</sub> SO <sub>4</sub>              |                              | Kp  | 4              | 4        | 4       | 4    | 1             | 4       | 1         | 1       | 4          | 5        | 4        | 1    | 1     | 1    | 1       |
| Ammoniumsulfid     | (NH <sub>4</sub> ) <sub>2</sub> S                            |                              |     | 4              | 4        | 4       | 4    | 1             | 4       | 1         | 2       | 2          | 2        | 1        | 1    | 4     | 5    | 5       |
| Anilin             | C <sub>6</sub> H <sub>5</sub> NH <sub>2</sub>                |                              |     | 4              | 4        | 5       | 1    | 1             | 5       | 4         | 4       | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Arseniksyra        | H <sub>3</sub> AsO <sub>4</sub>                              |                              |     | 5              | 3        | 3       | 3    | 1             | 5       | 5         | 5       | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Asfalt             |  |                              |     | 2              | 5        | 5       | 5    | 1             | 5       | 4         | 4       | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Bensin             |  |                              |     | 2              | 1        | 1       | 1    | 1             | 1       | 4         | 4       | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Bensol             | C <sub>6</sub> H <sub>6</sub>                                |                              |     | 2              | 2        | 2       | 1    | 1             | 5       | 4         | 4       | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Blyacetat          | Pb(KH <sub>3</sub> COO) <sub>2</sub>                         | 100                          | Kp  | 5              | 5        | 5       | 4    | 3             | 5       | 4         | 4       | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Blyarsenat         | Pb <sub>3</sub> (AsO <sub>4</sub> ) <sub>2</sub>             |                              |     | 5              | 5        | 5       | 5    | 1             | 5       | 5         | 5       | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Borsyra            | H <sub>3</sub> BO <sub>3</sub>                               | 100                          | 100 | 3              | 3        | 5       | 3    | 1             | 1       | 1         | 1       | 1          | 5        | 5        | 1    | 1     | 1    | 1       |
| Butan              | C <sub>4</sub> H <sub>10</sub>                               |                              |     | 1              | 3        | 3       | 1    | 1             | 1       | 1         | 3       | 4          | 3        | 4        | 1    | 1     | 1    | 1       |
| Butanol            | C <sub>4</sub> H <sub>9</sub> OH                             |                              |     | 5              | 5        | 5       | 1    | 1             | 5       | 2         | 2       | 2          | 2        | 2        | 1    | 4     | 1    | 1       |
| Butylacetat        | CH <sub>3</sub> COOC <sub>4</sub> H <sub>9</sub>             |                              |     | 5              | 5        | 5       | 1    | 1             | 4       | 1         | 4       | 4          | 4        | 4        | 1    | 4     | 1    | 1       |
| Citronsyra         | (CH <sub>2</sub> COOH) <sub>2</sub> C(OH)COOH                |                              | Kp  | 3              | 5        | 5       | 4    | 1             | 4       | 2         | 1       | 1          | 1        | 1        | 2    | 1     | 1    | 1       |
| Cyanväte           | H CN   |                              | 20  | 4              | 4        | 4       | 4    | 1             | 4       | 2         | 2       | 2          | 5        | 5        | 1    | 1     | 5    | 1       |
| Diklorethan        | (CH <sub>2</sub> Cl) <sub>2</sub>                            | 20                           |     | 5              | 5        | 5       | 1    | 1             | 5       | 5         | 5       | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Dieselolja         |  |                              | 20  | 1              | 1        | 1       | 1    | 1             | 1       | 4         | 4       | 4          | 4        | 1        | 1    | 1     | 1    | 1       |
| Etan               | C <sub>2</sub> H <sub>6</sub>                                |                              |     | 1              | 3        | 3       | 2    | 1             | 5       | 4         | 5       | 5          | 2        | 1        | 1    | 1     | 1    | 1       |
| Etanol             | C <sub>2</sub> H <sub>5</sub> OH                             |                              |     | 5              | 1        | 5       | 1    | 1             | 5       | 5         | 5       | 5          | 5        | 5        | 1    | 4     | 1    | 1       |
| Etylen (eten)      | C <sub>2</sub> H <sub>4</sub>                                |                              |     | 5              | 1        | 5       | 1    | 1             | 5       | 4         | 4       | 1          | 5        | 5        | 1    | 1     | 1    | 1       |
| Etyleter           | C <sub>2</sub> H <sub>5</sub> OC <sub>2</sub> H <sub>5</sub> |                              |     | 2              | 2        | 3       | 2    | 1             | 5       | 4         | 4       | 4          | 4        | 4        | 1    | 4     | 1    | 1       |
| Etylklorid         | C <sub>2</sub> H <sub>5</sub> Cl                             |                              |     | 4              | 5        | 4       | 4    | 1             | 5       | 2         | 4       | 2          | 4        | 3        | 1    | 2     | 5    | 5       |
| Fenol              | C <sub>6</sub> H <sub>5</sub> OH                             |                              |     | 5              | 3        | 5       | 3    | 1             | 5       | 4         | 4       | 4          | 4        | 4        | 1    | 4     | 1    | 1       |
| Fettsyror          |  | 100                          | 20  | 4              | 2        | 5       | 2    | 1             | 5       | 3         | 3       | 3          | 3        | 3        | 1    | 1     | 1    | 1       |
| Flour torr         | F <sub>2</sub>   | 40                           | Kp  | 4              | 4        | 4       | 4    | 1             | 4       | 4         | 4       | 4          | 4        | 4        | 1    | 2     | 5    | 5       |
| Formeldehyd        | HCHO   | 80                           | 20  | 3              | 4        | 4       | 4    | 1             | 4       | 1         | 1       | 1          | 1        | 4        | 1    | 1     | 1    | 1       |
| Fosforsyra         | H <sub>3</sub> PO <sub>4</sub>                               |                              |     | 4              | 4        | 4       | 4    | 1             | 4       | 2         | 2       | 4          | 2        | 4        | 1    | 1     | 1    | 1       |

| Medium                 | Kemisk formel  | Koncentration och temperatur |     | Material       |          |         |      |               |         |      | Tätningar |            |          |          |      |       |      |         |
|------------------------|--|------------------------------|-----|----------------|----------|---------|------|---------------|---------|------|-----------|------------|----------|----------|------|-------|------|---------|
|                        |  | %                            | °C  | Aluminiumbrons | Gjutjärn | Segjärn | Stål | Syrafast stål | Mässing | EPDM | Hypalon   | Naturgummi | Neoprene | Perbunan | PTFE | Viton | KFC* | Metall* |
| Fosforsyra             | H <sub>3</sub> PO <sub>4</sub>                       | 80                           | Kp  | 4              | 4        | 4       | 4    | 3             | 4       | 4    | 2         | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Freon 12               |  |                              |     | 1              | 1        | 1       | 1    | 1             | 1       | 3    | 4         | 4          | 1        | 5        | 1    | 4     | 1    | 1       |
| Fruksaft, vin          |  |                              | 100 | 2              | 4        | 4       | 4    | 1             | 5       | 1    | 1         | 3          | 1        | 2        | 1    | 2     | 5    | 5       |
| Garvsyra, tannin       | C <sub>76</sub> H <sub>52</sub> O <sub>46</sub>      | 10                           | Kp  | 5              | 4        | 4       | 3    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Garvsyra, tannin       | C <sub>76</sub> H <sub>52</sub> O <sub>46</sub>      | 50                           | 20  | 5              | 3        | 3       | 3    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Gelatin                |  |                              |     | 2              | 5        | 5       | 4    | 1             | 5       | 1    | 1         | 1          | 5        | 5        | 1    | 1     | 5    | 5       |
| Glycerin               | (CH <sub>2</sub> OH) <sub>2</sub> CHOH               |                              | 100 | 3              | 2        | 2       | 3    | 1             | 1       | 3    | 1         | 4          | 1        | 1        | 1    | 1     | 1    | 1       |
| Kaffe                  |  |                              |     | 1              | 4        | 4       | 4    | 1             | 5       | 1    | 3         | 3          | 1        | 1        | 1    | 1     | 5    | 5       |
| Kalciumnitrat          |  |                              |     | 5              | 5        | 5       | 5    | 1             | 5       | 3    | 1         | 2          | 2        | 2        | 1    | 1     | 5    | 1       |
| Kalciumsulfat          |  |                              |     | 2              | 4        | 4       | 4    | 1             | 5       | 3    | 2         | 2          | 2        | 2        | 1    | 1     | 5    | 1       |
| Kalciumsulfid          |  |                              |     | 5              | 5        | 5       | 5    | 1             | 5       | 2    | 2         | 2          | 2        | 2        | 1    | 1     | 5    | 1       |
| Kaliacetat             | CH <sub>3</sub> COOH                                 |                              | Kp  | 5              | 1        | 5       | 1    | 1             | 5       | 1    | 2         | 2          | 2        | 2        | 1    | 4     | 1    | 1       |
| Kaliumbikromat         | K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub>        | 25                           | 20  | 5              | 1        | 5       | 1    | 1             | 5       | 1    | 2         | 4          | 5        | 5        | 1    | 4     | 1    | 1       |
| Kaliumcyanid           | KCN  | 5                            | 20  | 5              | 3        | 5       | 3    | 1             | 4       | 1    | 1         | 1          | 1        | 1        | 4    | 1     | 1    | 1       |
| Kaliumhydroxid         | KOH  | 50                           | 20  | 4              | 2        | 2       | 1    | 1             | 4       | 2    | 2         | 2          | 2        | 4        | 1    | 4     | 1    | 1       |
| Kaliumhydroxid         | KOH  | 50                           | Kp  | 4              | 4        | 4       | 4    | 1             | 4       | 5    | 5         | 5          | 5        | 5        | 1    | 4     | 1    | 1       |
| Kaliumjodid            | Kj   |                              | Kp  | 5              | 3        | 5       | 3    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Kaliumkarbonat         | K <sub>2</sub> CO <sub>3</sub>                       | 50                           | 20  | 3              | 3        | 3       | 1    | 1             | 3       | 2    | 1         | 1          | 1        | 1        | 1    | 1     | 1    | 1       |
| Kaliumklorat           | KClO <sub>3</sub>                                    |                              | Kp  | 5              | 3        | 5       | 3    | 1             | 3       | 2    | 1         | 4          | 2        | 2        | 1    | 1     | 1    | 1       |
| Kaliumnitrat           | KNO <sub>3</sub>                                     |                              | 20  | 5              | 1        | 5       | 1    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Kaliumpermanganat      | KMnO <sub>4</sub>                                    |                              | 20  | 3              | 1        | 2       | 1    | 1             | 5       | 2    | 2         | 4          | 5        | 5        | 1    | 1     | 1    | 1       |
| Kaliumsulfat           | K <sub>2</sub> SO <sub>4</sub>                       |                              |     | 2              | 3        | 3       | 2    | 1             | 3       | 1    | 1         | 1          | 1        | 1        | 1    | 1     | 1    | 1       |
| Karbamid               | (NH <sub>2</sub> ) <sub>2</sub> CO                   |                              | 20  | 5              | 2        | 5       | 2    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Klor, torr gas         | Cl <sub>2</sub>                                      |                              | 80  | 2              | 1        | 1       | 1    | 1             | 2       | 4    | 4         | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Klor, fuktig gas       | Cl <sub>2</sub>                                      |                              |     | 4              | 4        | 4       | 4    | 4             | 4       | 4    | 4         | 4          | 4        | 4        | 1    | 4     | 4    | 4       |
| Kloroform              | CHCl <sub>3</sub>                                    |                              | 20  | 5              | 1        | 5       | 1    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Koldioxid              | CO <sub>2</sub>                                      | 100                          | 50  | 5              | 1        | 1       | 1    | 1             | 1       | 5    | 1         | 1          | 1        | 5        | 1    | 1     | 1    | 1       |
| Kopparnitrat           | Cu(NO <sub>3</sub> ) <sub>2</sub> ·6H <sub>2</sub> O |                              |     | 4              | 4        | 4       | 4    | 1             | 5       | 2    | 1         | 2          | 1        | 1        | 1    | 1     | 1    | 1       |
| Kopparsulfat           | CuSO <sub>4</sub>                                    |                              | Kp  | 5              | 3        | 3       | 1    | 1             | 5       | 1    | 1         | 3          | 1        | 1        | 1    | 1     | 1    | 1       |
| Kreosot                |  |                              | 20  | 2              | 2        | 2       | 1    | 1             | 1       | 4    | 4         | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Kvicksilver            | Hg   |                              | 20  | 4              | 2        | 2       | 2    | 1             | 5       | 1    | 1         | 1          | 1        | 1        | 1    | 1     | 1    | 1       |
| Kvicksilverklorid      | HgCl <sub>2</sub>                                    |                              | 20  | 5              | 4        | 5       | 4    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Kvicksilvernitrat      | Hg(NO <sub>3</sub> ) <sub>2</sub>                    |                              | 20  | 4              | 4        | 4       | 4    | 1             | 4       | 2    | 2         | 2          | 1        | 1        | 1    | 1     | 1    | 1       |
| Kväve, kvävgas         | N <sub>2</sub>                                       |                              |     | 2              | 1        | 1       | 1    | 1             | 5       | 2    | 2         | 2          | 1        | 1        | 1    | 1     | 1    | 1       |
| Linolja                |  |                              | 100 | 5              | 5        | 5       | 5    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Lysgas                 |  |                              |     | 1              | 1        | 2       | 1    | 1             | 5       | 4    | 5         | 5          | 5        | 2        | 1    | 1     | 1    | 1       |
| Magnesiumsulfat        | MgSO <sub>4</sub>                                    |                              | 20  | 2              | 2        | 2       | 2    | 1             | 5       | 5    | 5         | 5          | 5        | 4        | 1    | 1     | 1    | 1       |
| Metanol                | CH <sub>3</sub> OH                                   |                              | Kp  | 5              | 1        | 1       | 1    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 4     | 1    | 1       |
| Metylenklorid          | CH <sub>2</sub> Cl <sub>2</sub>                      |                              | Kp  | 5              | 2        | 5       | 2    | 1             | 5       | 4    | 4         | 4          | 4        | 4        | 1    | 4     | 1    | 1       |
| Metyletylketon         | CH <sub>3</sub> COC <sub>2</sub> H <sub>5</sub>      |                              | Kp  | 5              | 2        | 5       | 2    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 4     | 1    | 1       |
| Mineralolja            |  |                              | 20  | 2              | 1        | 1       | 1    | 1             | 5       | 4    | 5         | 5          | 5        | 1        | 1    | 1     | 1    | 1       |
| Mjök                   |  |                              |     | 4              | 5        | 4       | 4    | 1             | 5       | 1    | 1         | 3          | 1        | 1        | 1    | 1     | 1    | 1       |
| Myrsyra                | HCOOH  | 10                           | 20  | 3              | 4        | 5       | 4    | 1             | 5       | 3    | 1         | 3          | 2        | 4        | 1    | 4     | 1    | 1       |
| Natriumacetat          | CH <sub>3</sub> COONa                                |                              |     | 2              | 2        | 3       | 2    | 1             | 5       | 2    | 1         | 3          | 2        | 3        | 1    | 4     | 1    | 1       |
| Natriumbikarbonat      | NaHCO <sub>3</sub>                                   |                              |     | 3              | 5        | 3       | 1    | 1             | 1       | 1    | 1         | 1          | 1        | 4        | 1    | 1     | 1    | 1       |
| Natriumfosfat          | Na <sub>3</sub> PO <sub>4</sub>                      |                              |     | 5              | 1        | 1       | 1    | 1             | 1       | 1    | 1         | 1          | 5        | 5        | 1    | 1     | 1    | 1       |
| Natriumhydroxid        | NaOH   | 20                           | 20  | 5              | 1        | 1       | 1    | 1             | 4       | 1    | 2         | 2          | 4        | 1        | 2    | 1     | 1    | 1       |
| Natriumhydroxid        | NaOH   | 35                           | Kp  | 5              | 4        | 5       | 4    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 4     | 1    | 1       |
| Natriumkarbonat        | Na <sub>2</sub> CO <sub>3</sub>                      |                              | 20  | 3              | 3        | 3       | 1    | 1             | 3       | 2    | 1         | 1          | 1        | 1        | 1    | 1     | 1    | 1       |
| Natriumklorid          | NaCl   |                              | 20  | 2              | 1        | 5       | 3    | 2             | 5       | 2    | 1         | 2          | 5        | 5        | 1    | 1     | 1    | 1       |
| Natriumsilikat, fuktig | Na <sub>2</sub> SiO <sub>3</sub>                     |                              | 60  | 2              | 1        | 1       | 1    | 1             | 5       | 1    | 1         | 1          | 1        | 1        | 1    | 1     | 5    | 5       |
| Natriumsulfat          | Na <sub>2</sub> SO <sub>4</sub>                      |                              |     | 2              | 1        | 1       | 1    | 1             | 3       | 1    | 1         | 1          | 1        | 1        | 1    | 1     | 1    | 1       |
| Natriumsulfid          | Na <sub>2</sub> S <sub>9</sub> ·H <sub>2</sub> O     | 50                           | 100 | 4              | 5        | 3       | 2    | 1             | 4       | 2    | 1         | 5          | 1        | 1        | 1    | 1     | 5    | 5       |
| Natriumsulfit          | Na <sub>2</sub> SO <sub>3</sub>                      | 10                           | 100 | 3              | 1        | 1       | 1    | 1             | 5       | 5    | 5         | 5          | 4        | 4        | 1    | 1     | 5    | 5       |
| Naturgas               |  |                              |     | 2              | 2        | 2       | 1    | 1             | 5       | 4    | 4         | 4          | 1        | 1        | 1    | 1     | 1    | 1       |
| Oljesyra               | C <sub>17</sub> H <sub>33</sub> COOH                 |                              |     | 5              | 1        | 5       | 1    | 1             | 5       | 4    | 4         | 4          | 5        | 5        | 1    | 4     | 1    | 1       |
| Oxalsyra               | COOHCOOH   |                              |     | 3              | 3        | 4       | 3    | 1             | 5       | 2    | 2         | 3          | 2        | 3        | 1    | 1     | 1    | 1       |
| Ozon, torr             |  |                              |     | 2              | 5        | 2       | 2    | 1             | 5       | 2    | 2         | 4          | 4        | 4        | 1    | 2     | 5    | 5       |
| Petroleumeter          |  |                              | 20  | 5              | 1        | 5       | 1    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 4     | 1    | 1       |
| Propan                 | C <sub>3</sub> H <sub>8</sub>                        |                              |     | 5              | 1        | 5       | 1    | 1             | 1       | 1    | 4         | 4          | 4        | 5        | 1    | 1     | 1    | 1       |
| Salicylsyra            | C <sub>7</sub> H <sub>7</sub> OHCOOH                 |                              | 20  | 4              | 3        | 4       | 3    | 1             | 5       | 1    | 1         | 1          | 3        | 5        | 1    | 1     | 1    | 1       |
| Salpetersyra           | HNO <sub>3</sub>                                     | 40                           | Kp  | 4              | 4        | 4       | 4    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Salpetersyra           | HNO <sub>3</sub>                                     | kons                         | 20  | 4              | 4        | 4       | 4    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Salpetersyra           | HNO <sub>3</sub>                                     | kons                         | Kp  | 4              | 4        | 4       | 3    | 2             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Saltsyra               | HCl  | 0,2                          | 20  | 5              | 4        | 4       | 4    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |

| Medium               | Kemisk formel   | Koncentration och temperatur |     | Material       |          |         |      |               |         |      | Tätningar |            |          |          |      |       |      |         |
|----------------------|---|------------------------------|-----|----------------|----------|---------|------|---------------|---------|------|-----------|------------|----------|----------|------|-------|------|---------|
|                      |   | %                            | °C  | Aluminiumbrons | Gjutjärn | Segjärn | Stål | Syrafast stål | Mässing | EPDM | Hypalon   | Naturgummi | Neoprene | Perbunan | PTFE | Viton | KFC* | Metall* |
| Saltsyra             | HCl   | 0,2                          | 50  | 5              | 4        | 4       | 4    | 2             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Saltsyra             | HCl   | 1                            | 20  | 5              | 4        | 4       | 4    | 2             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Socker, sirap        |   |                              | 20  | 2              | 2        | 3       | 2    | 1             | 5       | 2    | 4         | 3          | 3        | 2        | 1    | 1     | 1    | 1       |
| Stearinsyra          | C <sub>17</sub> H <sub>35</sub> COOH                          |                              |     | 4              | 3        | 3       | 3    | 1             | 1       | 1    | 1         | 4          | 1        | 1        | 1    | 1     | 1    | 1       |
| Stärkelsesirap       |   |                              | 60  | 5              | 5        | 5       | 1    | 1             | 5       | 1    | 1         | 1          | 5        | 5        | 1    | 1     | 5    | 5       |
| Svaveldioxid         | SO <sub>2</sub>   |                              |     | 5              | 4        | 5       | 4    | 1             | 4       | 2    | 2         | 4          | 2        | 5        | 1    | 4     | 1    | 1       |
| Svavelsyra           | H <sub>2</sub> SO <sub>4</sub>                                | 10                           | 20  | 4              | 4        | 4       | 4    | 1             | 4       | 4    | 4         | 4          | 4        | 4        | 1    | 4     | 1    | 1       |
| Svavelsyra           | H <sub>2</sub> SO <sub>4</sub>                                | 90                           | 20  | 4              | 2        | 4       | 2    | 1             | 4       | 4    | 4         | 4          | 4        | 4        | 1    | 4     | 1    | 1       |
| Svavelsyra           | H <sub>2</sub> SO <sub>4</sub>                                | kons                         | 20  | 4              | 1        | 4       | 1    | 1             | 4       | 4    | 4         | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Svavelsyrlighet      | H <sub>2</sub> SO <sub>3</sub>                                |                              |     | 4              | 4        | 4       | 4    | 1             | 5       | 3    | 1         | 3          | 4        | 3        | 1    | 1     | 1    | 1       |
| Terpentin            |   |                              | 20  | 2              | 1        | 2       | 1    | 1             | 1       | 4    | 4         | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Tjära                |   |                              | 180 | 2              | 2        | 2       | 2    | 1             | 5       | 4    | 4         | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Toulen               | C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub>                 |                              | 20  | 2              | 1        | 1       | 1    | 1             | 3       | 4    | 4         | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Trikloretülen        | C <sub>2</sub> HCl <sub>3</sub>                               |                              |     | 5              | 2        | 5       | 2    | 1             | 5       | 5    | 5         | 5          | 5        | 5        | 1    | 1     | 1    | 1       |
| Vatten - avjoniserat |   |                              |     | 4              | 5        | 4       | 5    | 1             | 5       | 1    | 5         | 5          | 5        | 1        | 1    | 5     | 5    | 5       |
| Vatten - avsaltat    |   |                              |     | 4              | 5        | 4       | 3    | 1             | 5       | 1    | 2         | 2          | 2        | 3        | 1    | 1     | 5    | 5       |
| Vatten - destillerat |   |                              |     | 1              | 1        | 1       | 1    | 1             | 1       | 1    | 1         | 1          | 1        | 1        | 1    | 1     | 1    | 1       |
| Vatten               |   |                              |     | 1              | 1        | 1       | 1    | 1             | 1       | 1    | 1         | 1          | 1        | 1        | 1    | 1     | 1    | 1       |
| Vatten - havs        |   |                              |     | 1              | 4        | 4       | 4    | 2             | 5       | 1    | 3         | 2          | 1        | 1        | 1    | 1     | 5    | 5       |
| Vinsyra              | (CHOHCOOH) <sub>2</sub>                                       |                              | 20  | 4              | 3        | 4       | 3    | 1             | 5       | 2    | 1         | 1          | 4        | 4        | 1    | 1     | 1    | 1       |
| Vinättika            |   |                              | 20  | 4              | 4        | 4       | 4    | 1             | 5       | 1    | 4         | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Väte, vätgas         | H <sub>2</sub>  |                              |     | 1              | 1        | 2       | 1    | 1             | 5       | 2    | 1         | 2          | 1        | 1        | 1    | 1     | 1    | 1       |
| Vätesuperoxid        | H <sub>2</sub> O <sub>2</sub>                                 |                              | 20  | 5              | 4        | 5       | 4    | 1             | 5       | 2    | 4         | 4          | 4        | 4        | 1    | 4     | 1    | 1       |
| Vätesuperoxid        | H <sub>2</sub> O <sub>2</sub>                                 |                              | 50  | 5              | 4        | 5       | 4    | 1             | 5       | 2    | 4         | 4          | 4        | 4        | 1    | 4     | 1    | 1       |
| Xylol                | C <sub>6</sub> H <sub>4</sub> (CH <sub>3</sub> ) <sub>2</sub> |                              | 20  | 1              | 1        | 2       | 1    | 1             | 5       | 4    | 4         | 4          | 4        | 4        | 1    | 1     | 1    | 1       |
| Ättikester           | CH <sub>3</sub> COOC <sub>2</sub> H <sub>5</sub>              |                              | Kp  | 5              | 1        | 5       | 1    | 1             | 5       | 2    | 4         | 4          | 4        | 4        | 1    | 4     | 1    | 1       |
| Ättiksyra            | CH <sub>3</sub> COOH  | 10                           | Kp  | 5              | 4        | 5       | 3    | 1             | 5       | 4    | 4         | 4          | 4        | 4        | 1    | 4     | 1    | 1       |
| Ättiksyra            | CH <sub>3</sub> COOH  | 50                           | 20  | 5              | 4        | 5       | 3    | 1             | 5       | 4    | 4         | 4          | 4        | 4        | 1    | 4     | 1    | 1       |
| Ättiksyra            | CH <sub>3</sub> COOH  | 50                           | Kp  | 5              | 4        | 5       | 3    | 2             | 5       | 4    | 4         | 4          | 4        | 4        | 1    | 4     | 1    | 1       |
| Ättiksyra            | CH <sub>3</sub> COOH  | 80                           | Kp  | 5              | 4        | 5       | 3    | 2             | 5       | 4    | 4         | 4          | 4        | 4        | 1    | 4     | 1    | 1       |
| Öl                   |   |                              |     | 5              | 4        | 4       | 3    | 1             | 1       | 1    | 1         | 1          | 1        | 1        | 1    | 1     | 1    | 1       |