

## Resistance table/ *Beständigkeitstabelle*

### **Fradiflex® stainless steel metal water stop** **Fradiflex® Fugenblech Edelstahl**

The **Fradiflex® stainless steel metal water stop** consists of stainless steel sheet, with double-sided special coating.

**Fradiflex® Fugenblech Edelstahl** besteht aus V4A-Stahlblech mit zweiseitiger Spezialbeschichtung.



#### resistance table (excerpt)

#### *Beständigkeitstabelle (Auszug)*

| col. 1: reference group<br><i>Sp. 1: Referenzgruppe</i>                          | col. 2: test medium<br><i>Sp. 2: Prüfmedium</i>             | [trivial name]<br><i>[Trivialname]</i>                | Resistance<br><i>Beständigkeit</i> |
|--|---|---|------------------------------------|
| fuels and other hydrocarbons<br><i>Kraftstoffe und andere Kohlenwasserstoffe</i> | petrol<br><i>Benzin</i>                                     |   | -                                  |
|  | biodiesel<br><i>Biodiesel</i>                               |   | -                                  |
|  | diesel fuel<br><i>Dieseldieselkraftstoff</i>                |   | -                                  |
|  | heating oil<br><i>Heizöl</i>                                |   | -                                  |
|  | light petrol<br><i>Leichtbenzin</i>                         |   | -                                  |
|  | mineral oil<br><i>Mineralöl</i>                             |   | - / +                              |
|  | engine oil<br><i>Motorenöl</i>                              |   | -                                  |
|  | paraffin oil (spindle oil)<br><i>Paraffinöl (Spindelöl)</i> |   | - / +                              |
| solvents<br><i>Lösemittel</i>  | acetone<br><i>Aceton</i>                                    |   | -                                  |
|  | trichloroethylene<br><i>Trichlorethen</i>                   | [TCE, trichlor, tri]<br><i>[Trichlorethylen, Tri]</i> | -                                  |
|  | toluol<br><i>Toluol</i>                                     |   | -                                  |
| alcoholes<br><i>Alkohole</i>   | 2-butoxy ethyl alcohol<br><i>2-Butoxyethanol</i>            |   | +                                  |
|  | 2-ethylene hexanol<br><i>2-Ethylhexanol</i>                 |   | -                                  |
|  | ethanol (20%)<br><i>Ethanol (20%)</i>                       | [ethyl alcohol]                                       | +                                  |
|  | ethanol (100%)<br><i>Ethanol (100%)</i>                     | [ethyl alcohol]                                       | -                                  |

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|--|--|---|------------------------------------|
| alcalis<br><i>Basen</i>  | ammonium hydroxide (22%)<br><i>Ammoniak (22%)</i>  | [ammonia water]<br><i>[22%-ige Ammoniaklösung]</i>                | +                                  |
| acids<br><i>Säuren</i>   | chloric acid (10%)<br><i>Chlorsäure (10%)</i>  |   | +                                  |
|  | acetic acid (10%)<br><i>Essigsäure (10%)</i>   | [ethanoic acid]<br><i>[Ethansäure]</i>                            | +                                  |
|  | acetic acid (25%)<br><i>Essigsäure (25%)</i>   | [ethanoic acid]<br><i>[Ethansäure]</i>                            | +                                  |
|  | hydrogen flourid (7%)<br><i>Flurwasserstoff (7%)</i>   | [hydrofluoric acid]<br><i>[Flusssäure]</i>                        | +                                  |
|  | lactic acid (50%)<br><i>Milchsäure (50%)</i>   |   | +                                  |
|  | phosphor acid (ortho) (84%)<br><i>Phosphorsäure (Ortho) (10%)</i>  | [orthophosphoric acid]<br><i>[Orthophosphorsäure]</i>             | +                                  |
|  | nitric acid (10%)<br><i>Salpetersäure (10%)</i>  |   | +                                  |
|  | nitric acid (20%)<br><i>Salpetersäure (20%)</i>  |   | +                                  |
|  | sulpharic acid (5%)<br><i>Schwefelsäure (5%)</i>   |   | +                                  |
|  | hydrogen peroxide (H <sub>2</sub> O <sub>2</sub> ) (37%)<br><i>Wasserstoffperoxid (H<sub>2</sub>O<sub>2</sub>) (37%)</i> |   | +                                  |
|  | aqueous solutions<br><i>wässrige Lösungen</i>  | chlorine water (swimming pool)<br><i>Chlorwasser (Schwimmbad)</i> |                                    |
| clarified water (pH 5 - 6) according to the ordinance<br>on sewage sludge treatment<br><i>Klärwasser (pH 5 - 6) [nach AbklärV]</i> |  |   | +                                  |
| concentrated soapsuds<br><i>Konzentrierte Seifenlauge</i>  |  |   | +                                  |
| tap water<br><i>Leitungswasser</i>   |  |   | +                                  |
| sodium carbonate solution (10% in water)<br><i>Natriumcarbonat (10% in Wasser)</i>   |  |   | +                                  |
| sodium citrate (12%)<br><i>Natriumcitrat (12%)</i>   |  |   | +                                  |
| sodium hypochlorite solution<br><i>Natriumhypochlorit-Lösung</i>   |  |   | +                                  |
| seawater<br><i>Seewasser (Salzwasser)</i>  |  |   | +                                  |
| miscellaneous<br><i>Sonstiges</i>  | ethyl acetate<br><i>Ethylacetat</i>  |   | -                                  |
|  | ethylene-1,2-diamine<br>Ethan-1,2-diamin   | [ethylenediamine]<br><i>[Ethylenediamin (kurz EDA)]</i>           | -                                  |
|  | fomaldehyde solution (37%)<br><i>Formaldehyd (37%)</i>   | [formalin (37%)]<br><i>[Formalin (37%)]</i>                       | +                                  |
|  | Perhydrol® (33%)<br>--   |   | +                                  |
|  | liquid pig manure, liquid manure<br><i>Schweinejauche, Gülle</i>   |   | +                                  |
|  | Trennfit Super<br>--   |   | +                                  |

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|---|---|--|------------------------------------|
|   | cement laitance<br><i>Zementmilch</i>           |  | +                                  |

| <b>legend/ Legende</b>                                |       |   |
|---|-------|---|
| chemical resistance<br><i>Chemische Beständigkeit</i> | +     | resistant<br><i>beständig</i>   |
|   | - / + | resistant during a short exposure time<br><i>bei kurzzeitiger Belastung beständig</i>     |
|   | -     | not resistant, product matrix destroyed<br><i>nicht beständig, Produktmatrix zerstört</i> |

**Disclaimer / Notes:**

All technical data stated in this TDS are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. Recommendations with regard to product application given in the present technical data sheet for practical assistance of product users are based on our experience and our present scientific and practical body of knowledge. These recommendations, however, are given without engagement and do not establish a contractual relationship or subsidiary duties. These recommendations do not relieve users of their liability and of their own responsibility to test, whether our product is adequate for the intended purpose of application. Please refer to the latest edition of this Technical Data Sheet on our web presence [www.maxfrank.com](http://www.maxfrank.com)

**Anmerkung:**

*Die Verwendbarkeit der Produkte in der konkreten Einbausituation ist durch den Anwender zu prüfen. Dieses Datenblatt wird ständig aktualisiert. Technische Änderungen sind daher, ohne vorherige Information des Kunden ausdrücklich vorbehalten. Die jeweils gültige Version ist auf unserer Website unter: [www.maxfrank.com](http://www.maxfrank.com) zu finden. Ergänzend gelten unsere Allgemeinen Verkaufsbedingungen.*