

## Packaging Verpackung

\* Viscosity Mettler Be 11 500 U/min

\*\* Viscosity Din Becher 4

| Dispersion     | Chemical Base<br>Chemische<br>Basis | Viscosity<br>Viskosität<br>[mPa s] Brookfield | Solid content<br>Festkörper [%] | pH    | Color / Farbe      | Flexible Packaging<br>Flexible Verpackung | Bags<br>Säcke - Beutel | Cardboard Trays,<br>Paper<br>Karton Trays, Papier | Deep Freeze<br>Packaging<br>Tiefkühlpackung | Palletize<br>Palettisieren | All-purpose<br>Adhesive<br>Universalklebstoff | Blister varnish<br>Blisterlacke | Food Packaging<br>FDA 175.105 |
|----------------|-------------------------------------|---|---------------------------------|-------|--------------------|---|------------------------|---|---|----------------------------|---|---------------------------------|-------------------------------|
| ALFA D 121     | VA                                  | 3600  | 52                              | 5     | white/weiss        |   |                        | ✓   |   |                            |   |                                 |                               |
| ALFA D 1213    | VA                                  | 3200  | 53                              | 5     | white/weiss        |   |                        | ✓   |   |                            |   |                                 |                               |
| ALFA D 223     | VA                                  | 3800  | 55                              | 4...5 | white/weiss        |   |                        | ✓   |   |                            | ✓   |                                 |                               |
| ALFA D 253     | EVA                                 | 2200  | 53                              | 5     | transparent        |   | ✓                      | ✓   | ✓   |                            | ✓   |                                 | ✓                             |
| ALFA D 2533    | EVA                                 | 650   | 48                              | 5     | transparent        |   |                        | ✓   |   |                            | ✓   |                                 | ✓                             |
| ALFA D 2536    | EVA                                 | 130 *   | 46                              | 5     | transparent        |   | ✓                      | ✓   | ✓   |                            | ✓   |                                 | ✓                             |
| ALFA D 254     | EVA                                 | 2000  | 53                              | 5     | transparent        |   |                        | ✓   |   |                            | ✓   |                                 | ✓                             |
| ALFA D 2564 B  | EVA/AC                              | paste-like / pastös                           | 50                              | 6     | transparent        |   | ✓                      | ✓   |   |                            |   |                                 | ✓                             |
| ALFA D 257     | EVA                                 | 2100  | 47                              | 4     | transparent        |   |                        | ✓   |   |                            |   |                                 | ✓                             |
| ALFA D 2596    | EVA                                 | 2000  | 55                              | 6     | transparent        |   |                        | ✓   |   |                            | ✓   |                                 |                               |
| ALFA D 2604    | PE                                  | 7800  | 48                              | 7...8 | yellowish/gelblich |   | ✓                      | ✓   |   |                            | ✓   |                                 |                               |
| ALFA D 270     | AC                                  | 1500  | 45                              | 7     | transparent        |   |                        | ✓   |   |                            | ✓   |                                 |                               |
| ALFA D 2701    | EVA                                 | 19000   | 52                              | 6...7 | white/weiss        |   |                        | ✓   |   |                            |   |                                 | ✓                             |
| ALFA D 2704    | AC                                  | 3200  | 52                              | 7     | transparent        |   |                        | ✓   |   |                            |   |                                 |                               |
| ALFA D 3102    | NRL                                 | 40 *  | 58                              | 8     | white/weiss        |   |                        | ✓   |   |                            |   |                                 |                               |
| ALFA D 352     | PU                                  | 2000  | 40                              | 6...7 | transparent        | ✓   |                        | ✓   |   |                            |   |                                 |                               |
| ALFA D 356     | PU                                  | 260   | 35                              | 8     | transparent        |   |                        |   |   |                            |   | ✓                               |                               |
| ALFA SEAL® 358 | PU                                  | 25sec**                                       | 43                              | 6     | transparent        |   |                        |   |   |                            |   | ✓                               | ✓                             |
| ALFA D 405     | AC                                  | 2700  | 50                              | 7...8 | transparent        |   | ✓                      | ✓   |   |                            |   |                                 | ✓                             |
| ALFA D 4055    | AC                                  | 4000  | 57                              | 5...6 | transparent        |   | ✓                      | ✓   |   |                            | ✓   |                                 | ✓                             |
| ALFA D 4577    | AC                                  | 2500  | 67                              | 4     | transparent        |   |                        |   | ✓   |                            |   |                                 |                               |
| ALFA D 460     | AC                                  | 2500  | 65                              | 4     | white/weiss        |   |                        | ✓   |   | ✓                          | ✓   |                                 |                               |
| ALFA D 500     | PU                                  | 20sec**                                       | 40                              | 6...7 | transparent        | ✓   |                        |   |   |                            |   |                                 |                               |
| ALFA S 950     | Synt                                | paste-like / pastös                           | 28                              | 8     | yellowish/gelblich |   | ✓                      |   |   |                            |   |                                 | ✓                             |
| ALFA VP 10191  | EVA                                 | 2200  | 40                              | 6     | white/weiss        |   | ✓                      |   |   |                            |   |                                 | ✓                             |
| ALFA VP 10314  | Synt                                | 2300  | 38                              | 9     | yellowish/gelblich |   |                        |   |   | ✓                          |   |                                 |                               |
| ALFA VP 10580  | AC                                  | 2700  | 50                              | 6...7 | white/weiss        |   |                        | ✓   |   |                            |   |                                 | ✓                             |
| ALFA VP 51/101 | EVA                                 | 1500  | 51                              | 5     | transparent        |   | ✓                      | ✓   |   |                            |   |                                 | ✓                             |
| ALFA VP 54/159 | AC                                  | 2200  | 71                              | 4     | transparent        |   |                        |   | ✓   |                            | ✓   |                                 |                               |

## Packaging Verpackung

## Properties / Eigenschaften

| Dispersion           | Properties / Eigenschaften  | Suggested Uses / Einsatzgebiet  | Packaging / Verpackung                            | Palett  |
|----------------------|---|---|---|---|
| <b>ALFA D 121</b>    | slow setting<br>langsam abbindend   | bonding paper, cardboard to aluminium foil<br>Verklebung von Papier, Karton auf Alufolie          | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 1213</b>   | slow setting, low viscosity<br>langsam abbindend, tiefe Viskosität                  | bonding paper, cardboard to aluminium foil<br>Verklebung von Papier, Karton auf Alufolie          | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 223</b>    | medium setting<br>mittelschnell abbindend   | bonding paper, cardboard to aluminium foil<br>Verklebung von Papier, Karton auf Alufolie          | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 253</b>    | fast setting<br>schnell abbindend   | bonding paper, cardboard to plastics, aluminium<br>Verklebung von Papier, Karton auf Plastik, Alu | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 2533</b>   | fast setting, low viscosity<br>schnell abbindend, tiefe Viskosität                  | bonding paper, cardboard to plastics, aluminium<br>Verklebung von Papier, Karton auf Plastik, Alu | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 2536</b>   | fast setting, very low viscosity<br>schnell abbindend, sehr tiefe Viskosität        | bonding paper, cardboard to plastics, aluminium<br>Verklebung von Papier, Karton auf Plastik, Alu | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 254</b>    | good adhesion on different materials<br>gute Adhäsion auf verschiedenen Materialien | bonding paper, cardboard to plastics, aluminium<br>Verklebung von Papier, Karton auf Plastik, Alu | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 2564 B</b> | good adhesion on PP foil, untreated<br>gute Haftung auf PP Folie, unbehandelt       | bonding window bags / PP foil to paper<br>verkleben von Fensterbeuteln / PP Folie - Papier        | Bucket / Eimer à 25 kg<br>---                     | 12 x 25 kg = 300 kg<br>---  |
| <b>ALFA D 257</b>    | good adhesion on difficult surfaces<br>gute Haftung auf schwierigen Oberflächen     | lacquered boxes (drugs)<br>lackierte Faltschachteln (Medikamente)                                 | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |

| <b>Dispersion</b>     | <b>Properties / Eigenschaften</b>  | <b>Suggested Uses / Einsatzgebiet</b>  | <b>Verpackung</b>                                 | <b>Palett</b>   |
|-----------------------|--|--|---|---|
| <b>ALFA D 2596</b>    | very fast setting<br>sehr schnell abbindend  | bonding cardboard - paper - plastics<br>verklebung von Karton  | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 2604</b>    | slow setting<br>langsam abbindend  | bonding PE and PP untreated to paper,<br>cardboard, etc.<br>PE und PP unbehandelt auf Papier, Karton, etc. | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 270</b>     | very fast setting<br>sehr schnell abbindend  | bonding paper, cardboard to plastics, aluminium<br>Verklebung von Papier, Karton auf Plastik, Alu          | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 2701</b>    | very fast setting<br>sehr schnell abbindend  | bonding paper, cardboard on automaton<br>verkleben von Papier, Karton auf Automaten                        | Bucket / Eimer à 20 kg<br>---                     | 24 x 20 kg = 480 kg<br>---  |
| <b>ALFA D 2704</b>    | very fast setting, waterresistant<br>sehr schnell abbindend, wasserfest  | bonding paper, cardboard, plastics<br>verkleben von Papier, Karton, Plastik                                | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 3102</b>    | very fast setting<br>sehr schnell abbindend  | contact adhesive for paper, cardboard<br>Kontaktklebstoff für Papier, Karton                               | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 352</b>     | fast setting<br>schnell abbindend  | hot seal application on various substrates<br>Heissiegel Anwendung auf verschiedenste<br>Substrate         | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 356</b>     | fast setting<br>schnell abbindend  | blister varnish for PET-Cardboard application<br>Blisterlack für PET-Karton-Verklebung                     | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA SEAL® 358</b> | seal temp. 90...170°C / food contact<br>conformity available<br>Siegeltemp. 90...170°C / erfüllt diverse<br>Lebensmittel Anforderungen | heat-seal lacquer / blister  | Bucket / Eimer à 20 kg                            | 24 x 20 kg = 480 kg   |
|                       |  | Heissiegellack / Blisterlack   | Container 500 / 1000 kg                           | 500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm                        |
| <b>ALFA D 405</b>     | very fast setting<br>sehr schnell abbindend  | bonding paper, cardboard to plastics, aluminium<br>Verklebung von Papier, Karton auf Plastik, Alu          | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 4055</b>    | very fast setting<br>sehr schnell abbindend  | bonding paper, cardboard to plastics, aluminium<br>Verklebung von Papier, Karton auf Plastik, Alu          | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |

| <b>Dispersion</b>     | <b>Properties / Eigenschaften</b>   | <b>Suggested Uses / Einsatzgebiet</b>  | <b>Verpackung</b>                                 | <b>Palett</b>   |
|-----------------------|---|--|---|---|
| <b>ALFA D 4577</b>    | fast setting<br>schnell abbindend   | pressure sensitive for various substrates<br>Haftklebstoff für verschiedenste Anwendungen  | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 460</b>     | fast setting pressure sensitive adhesive<br>schnell abbindender Haftklebstoff | various PSA applications<br>diverse Haftklebe Anwendungen  | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA D 500</b>     | fast setting<br>schnell abbindend   | sterilisation resistant dispersion for compound foil lamination<br>sterilisationsbeständige Dispersion für die Verbundfolienverklebung | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA S 950</b>     | slow setting<br>langsam abbindend   | sack bottom application, paper to paper<br>Beutelboden Anwendung, Papier / Papier  | Bucket / Eimer à 30 kg<br>---                     | 18 x 30 kg = 540 kg<br>---  |
| <b>ALFA VP 10191</b>  | slow setting<br>langsam abbindend   | remoistable adhesive for paper, cardboard<br>wiederbefeuchtbarer Klebstoff für Papier, Karton  | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA VP 10314</b>  | slow setting<br>langsam abbindend   | strippable adhesive for paper, cardboard<br>wiederablösbarer Klebstoff für Papier, Karton  | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA VP 10580</b>  | transparent and dull film<br>transparent und stumpfer Film                    | bonding of laminated boxes<br>verkleben von laminierten Faltschachteln   | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA VP 51/101</b> | fast setting, low viscosity<br>schnell abbindend, tiefe Viskosität            | bonding paper, cardboard to plastics, aluminium<br>Verklebung von Papier, Karton auf Plastik, Alu                                      | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |
| <b>ALFA VP 54/159</b> | fast setting, low viscosity<br>schnell abbindend, tiefe Viskosität            | labeling in deep freeze application<br>Etikettierung von Tiefkühlprodukten   | Bucket / Eimer à 20 kg<br>Container 500 / 1000 kg | 24 x 20 kg = 480 kg<br>500kg Cont = 80x120cm<br>1000kg IBC Cont = 100x120cm |