

# FlexTack® HS-517

**Description:** Aqueous formulation based on a polymer dispersion for the manufacture of coatings with barrier properties. Suitable for food contact.

## Technical Characteristics (provisional):

**Appearance:** Semi-translucent liquid

**Viscosity:** 15 - 25 s (Ford Cup 4, 23 °C)

**Non-volatile content:** 41.5 – 43.5%

**pH:** 8 - 9

**Appearance of dry film:** Transparent and flexible

**Applications:** Low odour, film-forming, water resistant, heat sealable formulation, designed for single- or two-layer systems to achieve optimal water resistance, heat-sealability and bond strength at elevated service temperatures.

Developed for replacing extruded wax or polyethylene coatings on paper substrates. It is recommended for applications such as boxes and other food paper packaging applications

The formulation can be applied with paper coating (flexible) and paper converting technologies. Coating weight depends strongly on the paper/board substrate. Typical drying temperatures: 60 – 120 °C (sufficient airflow is important for the proper drying of water-based products).

## Properties:

Low residual odour

Low Cobb

Low MVTR

Heat sealable

## Recommendations:

The product can form skins in the presence of air, so it is important to:

- Avoid exposure to air to prevent the surface layer from drying out. Close containers tightly. If a drum is used in a machine, it must be covered. - Avoid foam formation - pay

attention to controlled pumping. Foam, when drying, can cause the appearance of solid particles.

- Filtration through a 50-micron mesh screen is recommended before introducing the product into the tank to retain any particles or skins that may form.

- Avoid excessively long machine downtimes.

It is very important to take all possible measures for proper machine maintenance and cleaning; this can prevent many problems.

**Regulations:** Suitable for food contact. For more details, please request a certificate of compliance.

**Presentation:** 20, 60 and 1,000 kg containers.

**Health and Safety:** See MSDS.

**Storage:** Store in the tightly closed original container at a temperature between 10 and 30 °C. Protect especially from frost and outdoor exposure. It is recommended to use within six months of the manufacturing date indicated on the container label.

**Remark:** These data and instructions are based on our current knowledge and do not constitute a legal guarantee regarding the properties or suitability of the product for a specific application. The user is responsible for carrying out their own checks and tests.

# FlexTack® HS-513

**Description:** Aqueous formulation based on a polymer dispersion for the manufacture of coatings with barrier properties. Suitable for food contact.

- Avoid excessively long machine downtimes. It is very important to take all possible measures for proper machine maintenance and cleaning; this can prevent many problems.

**Technical Characteristics (provisional):**

**Appearance:** White liquid

**Viscosity:** 15 - 25 s (Ford Cup 4, 23 °C)

**Non-volatile content:** 38.5 – 40.5%

**pH:** 7 - 9

**Appearance of dry film:** Transparent and flexible

**Regulations:** Suitable for food contact. For more details, please request a certificate of compliance.

**Presentation:** 20, 60 and 1,000 kg containers.

**Health and Safety:** See MSDS.

**Applications:** Low odour, film-forming, water resistant, heat sealable formulation, designed for single- or two-layer systems to achieve optimal water resistance, heat-sealability and bond strength at elevated service temperatures.

**Storage:** Store in the tightly closed original container at a temperature between 10 and 30 °C. Protect especially from frost and outdoor exposure. It is recommended to use within six months of the manufacturing date indicated on the container label.

Developed for replacing extruded wax or polyethylene coatings on paper substrates. It is recommended for applications such as boxes and other food paper packaging applications

The formulation can be applied with paper coating (flexible) and paper converting technologies. Coating weight depends strongly on the paper/board substrate. Typical drying temperatures: 60 – 120 °C (sufficient airflow is important for the proper drying of water-based products).

**Properties:**

Low residual odour

Low Cobb

Low MVTR

Heat sealable

**Recommendations:**

The product can form skins in the presence of air, so it is important to:

- Avoid exposure to air to prevent the surface layer from drying out. Close container tightly. If a drum is used in a machine, it must be covered. - Avoid foam formation - pay attention to controlled pumping. Foam, when drying, can cause the appearance of solid particles. - Filtration through

**Remark:** These data and instructions are based on our current knowledge and do not constitute a legal guarantee regarding the properties or suitability of the product for a specific application. The user is responsible for carrying out their own checks and tests.

50-micron mesh screens are recommended before introducing the product into the tank to retain any particles or skins that may form.

Edition 0525

# DL-6260

**Description:** Aqueous formulation based on polymer dispersion for the manufacture of coatings with barrier properties. Suitable for food contact.

## Technical Characteristics (provisional):

**Appearance:** Translucent liquid

**Viscosity:** 15 - 18 s (Ford Cup 4, 23 °C)

**Non-volatile content:** 39 - 41%

**pH:** 6,5 - 8,5

**Appearance of dry film:** Transparent and flexible

**Applications:** Low odour, film-forming, water resistant, heat sealable formulation, designed for single- or two-layer systems to achieve optimal water resistance, heat-sealability and bond strength at elevated service temperatures.

Developed for replacing extruded wax or polyethylene coatings on paper substrates. It is recommended for applications such as:

- Hot and cold cups
- Boxes and other food paper packaging applications

The formulation can be applied with paper coating (flexible) and paper converting technologies. Coating weight depends strongly on the paper/board substrate. Typical drying temperatures: 60 – 120 °C (sufficient airflow is important for the proper drying of water-based products).

## Properties:

Low odor (hot drinks)

Low Cobb

Heat sealable (ultrasonic and hot air)

## Recommendations:

The product can form skins in the presence of air, so it is important to:

- Avoid exposure to air to prevent the surface layer from drying out. Close containers tightly. If a drum is used in a machine, it must be covered.
- Avoid foam formation - pay

attention to controlled pumping. Foam, when drying, can cause the appearance of solid particles.

- Filtration through a 50-micron mesh screen is recommended before introducing the product into the tank to retain any particles or skins that may form.

- Avoid excessively long machine downtimes.

It is very important to take all possible measures for proper machine maintenance and cleaning; this can prevent many problems.

**Regulations:** Suitable for food contact. For more details, please request a certificate of compliance.

**Presentation:** 20, 60 and 1,000 kg containers.

**Health and Safety:** See MSDS.

**Storage:** Store in the tightly closed original container at a temperature between 10 and 30 °C. Protect especially from frost and outdoor exposure. It is recommended to use within six months of the manufacturing date indicated on the container label.

**Remark:** These data and instructions are based on our current knowledge and do not constitute a legal guarantee regarding the properties or suitability of the product for a specific application. The user is responsible for carrying out their own checks and tests.

# DL-6259

**Description:** Aqueous formulation based on polymer dispersion for the manufacture of coatings with barrier properties. Suitable for food contact.

**Technical Characteristics (provisional):**

**Appearance:** Translucent liquid

**Viscosity:** 15 - 18 s (Ford Cup 4, 23 °C)

**Non-volatile content:** 40 - 42%

**pH:** 8 - 9

**Appearance of dry film:** Transparent and flexible

**Applications:** Low odour, film-forming, water resistant, heat sealable formulation, designed for single- or two-layer systems to achieve optimal water resistance, heat-sealability and bond strength at elevated service temperatures.

Developed for replacing extruded wax or polyethylene coatings on paper substrates. It is recommended for applications such as: • Hot and cold cups • Boxes and other food paper packaging applications The formulation can be applied with paper coating

(flexible) and paper converting technologies. Coating weight depends strongly on the paper/board substrate. Typical drying temperatures: 60 – 120 °C (sufficient airflow is important for the proper drying of water-based products).

**Properties:**

Low residual odour

Low Cobb

Heat sealable

Enables repulping and recycling

**Recommendations:**

The product can form skins in the presence of air, so it is important to:

- Avoid exposure to air to prevent the surface layer from drying out. Close containers tightly. If a drum is used in a machine, it must be covered.
- Avoid foam formation - pay attention to controlled pumping. Foam, when drying, can cause the appearance of solid particles.

- Filtration through a 50-micron mesh screen is recommended before introducing the product into the tank to retain any particles or skins that may form.

- Avoid excessively long machine downtimes.

It is very important to take all possible measures for proper machine maintenance and cleaning; this can prevent many problems.

**Regulations:** Suitable for food contact. For more details, please request a certificate of compliance.

**Presentation:** 20, 60 and 1,000 kg containers.

**Health and Safety:** See MSDS.

**Storage:** Store in the tightly closed original container at a temperature between 10 and 30 °C. Protect especially from frost and outdoor exposure. It is recommended to use within six months of the manufacturing date indicated on the container label.

**Remark:** These data and instructions are based on our current knowledge and do not constitute a legal guarantee regarding the properties or suitability of the product for a specific application. The user is responsible for carrying out their own checks and tests.