

SolarAqua™ Sleeve F Technical Data Sheet

SolarAqua Sleeve F ink were developed for printing on various plastic films, including shrink OPS, and PET G, or shrink films.

Typical Characteristics and Features

SolarAqua Sleeve F inks are formulated to have the following properties:

- Excellent adhesion and flexibility
- Good anti-blocking properties
- PH stable under most conditions
- Excellent water resistance
- No ink transfer to plastic containers upon sleeve removal
- Can be run with either a solvent or water-based backing white

Technical Information and ink handling Press

Flexo, two roll or blade systems

Viscosity

25-30 seconds

pH

Range is 9.0-10.0

Use of crosslinker: For superior water resistance the use of a crosslinker can be used. This is normally used in the last down usually the opaque white or clear overprint.

Add 2% of crosslinker CX100 (492 257) to last down ink / overprint.

Consult a Sun Chemical representative for more information.

Available colors

SolarAqua Sleeve F inks are formulated to have the following properties:

- Process colors
- Blending colors
- Lightfast (LF) process & blending colors
- Special colors available on request

Additives

SolarAqua Sleeve F recommended additive:

- Satisfactory drying speed: Reduce with water
- To slow down drying: Consult your Sun representative
- To speed up drying: Add a mixture of 80% water / 20% Ethyl alcohol

Substrate recommendations

SolarAqua Sleeve F can be used on the following:

- Coated and uncoated papers and paperboard
- OPS
- PET G
- Shrink PVC
- May be suitable for other films, but should be validated

Web temperature

100°F - 140°F (37.8°C - 60°C)

Ink film drying

SolarAqua Sleeve F inks can be dried with either IR or hot air dryers.

Storage Considerations

- Always premix material prior to use or before making any adjustments
- Check viscosity before use; add water to adjust, if necessary
- Do not allow ink to freeze; keep container tightly closed

Safety, Health and Environment

SolarAqua Sleeve F are to be used in accordance with normal standards of industrial hygiene and good manufacturing practice. Please refer to the Safety Data Sheet for specific information. Safety Data Sheets will be supplied.

Printing inks, coatings and printing residues should be disposed of in accordance with local and national regulations.



SolarAqua™ Sleeve F

Technical Data Sheet

Description	EMG Number	SAP Code 1-GAL	SAP Code 5-GAL	Blue Wool
SolarAqua Sleeve F Tech Varnish	TWUFW0835548	91290296	91190215	N/A
SolarAqua Sleeve F Extender	TWUFW0835549	91290023	91190213	N/A
SolarAqua Sleeve F White	TWUFW1835550	N/A	91190424	8
SolarAqua Sleeve F Process Yellow	TWUFW2835547	91290024	91190137	6-7
SolarAqua Sleeve F Process Magenta	TWUFW4835546	91290026	91190136	5
SolarAqua Sleeve F Process Cyan	TWUFW5835545	91290063	91190135	8
SolarAqua Sleeve F Process Black	TWUFW9835544	91290025	91190204	8
SolarAqua Sleeve F Last Down White	TWVFW1835773	91290027	91247052	8
CX-100 Crosslinker	492-257	30500461	30003742	N/A

The Blue Wool Scale rating indicates the relative lightfastness of an ink. It is measured on a scale from 0 to 8, with 0 having poor lightfastness and 8 having excellent lightfastness. The numbers here reflect the fade resistance of a full-strength ink. Tints or blends of these inks may exhibit lower lightfastness.

The information contained in this technical data sheet is only a recommendation and may need to be altered to suit the conditions and efficiency of the equipment employed. Our products are not designed for use in conjunction with those of any other ink maker or similar supplier unless agreed to in writing.



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