



# TECHNICAL DATA SHEET

Wrap  
**ESSENTIALS**  
FILL THE COLOR GAPS OTHERS MISSED

High Performance Cast PVC film

## WE-SERIES 3D Formable Ultra Flexible Wrap Vinyl

multilayered cast - repositionable adhesive with air channels (AS™ system)

### APPLICATIONS

Long-term high performance CAST film with outstanding dimensional stability and good conformability for applications onto flat surfaces and moderate curves, with or without rivets designed for full and partial vehicle wraps.

This exclusive CAST product combines speedy and trouble free film application, thanks to the AS airchannel liner which allows air to be easily squeezed out during the application and the permanent repositionable adhesive that thanks to the low initial tack allows an easy repositioning during application. The final strong bond ensure a secure and weatherproof finish.

After application, all edges and stretched areas must be heat-set (post heated) at 100-105°C.

This film as a rule is not printed. This film is available in 1.52 m wide roll.

### PRINTING METHODS

Application: Only dry application.

Substrate Preparation: All surfaces to which the material will be applied must be thoroughly cleaned with SOTT SC-02 SurfaceCleaner. Ensure all traces of any contamination and cleaning agents are totally removed prior to application of the material.

Self-adhesive media should only be applied to OEM painted surfaces and their use on repaired or damaged paintwork is not recommended.

The compatibility of lacquers and paints should be tested by the user prior to the application.

Please refer to our Application Guidelines for specific technical details for the correct application and removal of the media.

Maintenance & Cleaning: Recommended a manual washing with non abrasive cleaner. Use SOTT Cleaners. Suggested the use mild soap and sponge, avoid to hit the edge to avoid edge lifting.

### SHELF LIFE

24 months, applicable only to the material delivered by SOTT which has not undergone further processing, under the following STORAGE CONDITIONS: This material must be stored at a temperature of 22°C ± 2°C and 50 ± 5% of Relative Humidity. Storage area must be dry and clean. Keep the material in the original packaging when not used in order to protect it from dust and contamination. Do not expose to direct sunlight or heat source.

### Face Material

Type	Cast vinyl film
Colour and Finish	Gloss, Matte, Pearl and Satin
Weight	114 g/m <sup>2</sup> ± 10% -ISO-536
Thickness	100-140 micron ± 10% -ISO 534-80
Shrinkage	< 1 %
Tensile Strength along	14 N/mm <sup>2</sup>
Tensile Strength across	13 N/mm <sup>2</sup>
Elongation at break along	80 %
Elongation at break across	85 %
Outdoor vertical exposure durability*	48 months
Outdoor horizontal exposure durability*	24 months

### Adhesive

Solvent based repositionable permanent grey adhesive, featuring low initial tack with high final adhesion value, good water resistance. Specially designed for wrapping objects with flat and smooth surfaces.

Reference:	SOTT-AX44RPS
Type	Repositionable permanent
Min. Appl. Temp.	+10°C
Service Temp.	-20°C/+120°C
Shear	Very high
Tack	> 3 N/25mm FINAT FTM9
Final Adhesion	> 15 N/25mm FINAT FTM2

### Liner

Type	Airflow pattern-double sided PE coated kraft paper	
Colour and Finish	White Weight 135 g/m <sup>2</sup> ± 10%	PP-032 - ISO 536
Thickness	150 micron ± 10%	ISO 534
Transparency	n.a. %	DIN 53 147-64

\*Please read our Product Guideline sheet

### CONDITIONS OF SALE

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