

FerroSoft ASLAN FF 410

Item number: ASL U1400701440



Especially flexible ferrous film for placing magnets

This film containing iron turns every smooth substrate into a magnetically-receptive surface. It can be cut to any imaginable shape or size, is easy to apply and can be combined with other self-adhesive films.

Thanks to the special softness of the ASLAN FerroSoft, it is possible to store and ship the laminated product rolled on a core depending on the surface material.

Construction

Face film:	Polyethylene based ferrous film	
Thickness:	~ 410 µm (~ 16 mil)	
Adhesive:	Polyacrylic pressure sensitive adhesive	Square quantity: ~ 55 g/m²
Release liner:	double sided PE coated paper	Square weight: ~ 140 g/m²

Characteristics

Adhesive strength (ASTM D903):	Immediately:	~ 10.5 N/25 mm
	After 72 hours:	~ 17.5 N/25 mm
Dimensional stability:	Applied onto aluminium after 48 hours stored at 70° C (158 °F) (25 x 25 cm)	No shrinkage measurable
Chemical resistance:	In a preece test of 24 hours, the applied film is resistant to most petroleum-based oils, greases and aliphatic solvents, mild acids and mild alkalis.	
Temperature:	Application temperature:	min 15 °C (59 °F)
	Service temperature range:	-30 °C (-22 °F) up to +80 °C (176 °F)
Combustibility:	Classified to flame retardant standard DIN 4102 / B1	
Toy safety:	Classified to the standard for toy safety DIN EN 71- 3	



To place an order or for more info, contact your local sales rep:

Northern CA
Doug King
408.701.7202
Central/SouthernCA/Hawaii
Sommer Della Bitta
916.947.2602
Southern CA
Dereck Cruz
626.201.8932

Washington/Oregon
Chuck Vandervort
206.235.4191
Pam Pare
503.317.6759
Destinee Vaughn
503.713.1368



FerroSoft ASLAN FF 410

Item number: ASL U1400701440



Processing

Application:

In general the film can be applied dry. The substrate must be free of dust, grease and oil and should not be porous.

If the substrate is smooth, it can be applied wet, but the water must be squeegeed out very well to avoid the formation of bubbles later.

Ferrous films are developed for indoor applications only. Due to the variety of varnishes and different substrates of indoor walls, it is highly recommended to perform adhesion tests prior to the application, even if the film is equipped with a strong adhesive. To play safe, it is recommended to sand varnished and porous walls and to treat those with a primer.

Further application tips for ferrous films are available for download in the user area of the ASLAN website.

Processing instruction:

To avoid tunneling, we recommend to store rolls tightly wrapped on a 3" core and tape them up. This is also valid for combinations with most other self-adhesive films. Self-testing is highly recommended to avoid tunneling.

Visual irregularities on the film's surface can sporadically occur due to manufacturing methods, but do not limit the usability.

Storage life:

Before application the films can be stored up to 2 years from date of production. The film must be stored at room temperature (15-25 °C / 59-77 °F) and at a relative air humidity of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either standing vertically or in a purposely designed 'hanging' racks.

State 06|2022

All technical data and advice is based on our experience and measured testing that we believe to be reliable. It remains the customer's responsibility to test the suitability of our products for the intended purpose.

The quality of our products is regularly examined, upgraded and developed. We take the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of our products in accordance with our latest knowledge.



To place an order or for more info, contact your local sales rep:

Northern CA

Doug King
408.701.7202

Central/Southern CA/Hawaii

Sommer Della Bitta
916.947.2602

Southern CA

Dereck Cruz
626.201.8932

Washington/Oregon

Chuck Vandervort
206.235.4191

Pam Pare

503.317.6759
Destinee Vaughn
503.713.1368

