

# APP SHRINK WRAP



The APP Shrink Wrap is a film that is used a lot for the construction of scaffolding, for shipping big sized packages and for covering boats. The big advantage of APP Shrink Wrap is the fact that after heating the film it shrinks and becomes a second skin and will cover the object completely. After sealing, the shrink wrap is attached tightly around the object, so that it can't flap or tear. The most used shrink wrap is 300 micron (normal and flame retardant) and 200 (flame retardant) micron and we can offer the sizes 3x50, 4x25, 5x25 and 6x25, 7x15 and 8x20 from stock. For questions or prices, please contact:

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*Director*

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## APP SHRINK WRAP - SUPPLIES

The APP Shrink Wrap is in general always available on stock in the standard sizes and thicknesses. This includes the 200 micron flame retardant white APP Shrink Wrap, and the 300 micron normal and flame retardant white APP Shrink Wrap.

The standard sizes we have available from stock are 3x50, 4x25, 5x25, 6x25, 7x15, 8x20 and 8x25.

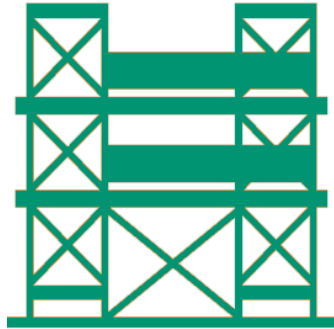
APP Shrink Wrap is also available in a transparent and black variety occasionally. Argos is able to provide anything between 30 and 400 microns in different widths (up to 8 meter) and lengths in custom colouring and with customized printing and logo. This customized shrink wrap is subject to a minimal order quantity.



## SHRINK WRAP ACCESSORIES - SUPPLIES

Besides supplying APP Shrink Wrap in different sizes, thicknesses and colours, Argos also provides the needed accessories for doing a perfect shrinking job.

- Argos has two different shrinking gun sets available: the Ripack 3000 and the Express Raptor.
- For patching up the loose ends and flaps of plastic Argos has multiple varieties of tape like high quality APP Shrink Wrap Tape and APP Duct-Tape.
- To attach the plastic to the railing Argos has two box-sizes of pipe clamps (100pc and 655pc)
- Argos also has a special APP welding glove which meets the EN388, EN407 and EN12477 norms.



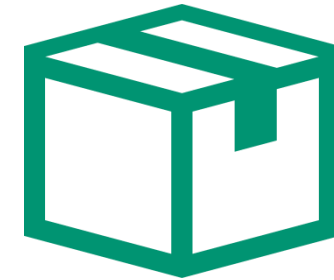
## SCAFFOLDING

Our APP Shrink Wrap is mainly used in the scaffolding business. Our strong plastic works for both the inside as well as the outside of the job. It protects and contains the workforce and materials that are inside of the scaffold from the weather, but it also keeps dust, dirt and debris inside of the scaffold or workplace.



## BOATS

Argos also provides the same APP plastic for encapsulating boats for winterization purposes. You can do this with our standard 300 micron plastic, but our 200 micron is mostly used to do this kind of job. By covering your boat with shrink wrap it stays protected against rain, frost and dirt during the winter period.



## INDUSTRIAL PACKAGING

The third usage option is industrial packaging. Industrial packaging is mostly done for transport purposes, so your product is protected during the period it is on its way to its destination. The APP plastic will be shrunk on the object to cover any shape and become a strong and drum-tight second skin.

	SPECIFICATIONS		UNIT	NORM
Average thickness	0,3		mm (+- 3%)	ISO 4591
Yield strength	M.D.:	10,5 – 12,0	Mpa	ISO 1184
	T.D.:	10,5 – 12,0	Mpa	
Tensile strength	M.D.:	19,0 – 22,0	Mpa	ISO 1184
	T.D.:	18,0 – 21,0	Mpa	
Elongation at break	M.D.:	400 – 500	%	ISO 1184
	T.D.:	500 – 600	%	
Elmendorf tear strength	M.D.:	35-50	N/mm	ISO 6383/2
	T.D.:	40-60	N/mm	
Shrink percentages	M.D.:	47-52	%	
	T.D.:	5-20	%	
UV stabilisation	80		kLy	ASTM G 154-00a
Fire Class	B1			DIN 4102-1
Density	0,97		g/cm3	ISO 1183

## ARGOS PACKAGING & PROTECTION

AARTSDIJKWEG 35

ZIPCODE: 2676 LE

CITY: MAASDIJK

The following sample(s) was / were submitted and identified on behalf of the client as:

**Sample Description:** 300MICRON

**SGS Ref No.:** 201312000095-1

**Country:** THE NETHERLANDS

### Test Requested:

To determine the flammability (building materials class B1) in accordance with DIN 4102-1 (May 1998) Fire behaviour of building materials and elements Part 1: Classification of building materials, Requirements and testing

**Test Results:** -- See attached sheet --

### Conclusion:

The tested sample **meets** the low flammability requirements of class B1 of building materials under DIN 4102-1 (May 1998).

### Test Period:

Sample Receiving Date : JAN.09, 2014

Test Performing Date : JAN.09, 2014 TO JAN.22, 2014

Signed for and on behalf of  
SGS-CSTC Co., Ltd.



Allen Zou  
Technical Supervisor



LDPE



BI-AXIAL



UV-RESISTANT



DIN 4102B1

FLAME RETARDANT

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## APP SHRINK WRAP – 300 MICRON (FR)

	<u>Product number:</u>
3 x 50 meter	460441350
4 x 25 meter	460441425
5 x 25 meter	460441525
6 x 25 meter	460441625 (also in black)
7 x 15 meter	460441715
8 x 20 meter	460441820

## APP SHRINK WRAP – 300 MICRON

	<u>Product number:</u>
3 x 50 meter	460301350
4 x 25 meter	460301425
5 x 25 meter	460301525
6 x 25 meter	460301625

## APP SHRINK WRAP – 200 MICRON (FR)

	<u>Product number:</u>
3 x 50 meter	460420350
6 x 25 meter	460420625
8 x 25 meter	460420825

## ZIP DOOR

### Specification:

Material	: LDPE film, 300 my flame retardant material.
Model	: zipper with arch, can be rolled to one side
Size	: door opening app. 2 x 1 meter
Productnumber	: 501615529

## APP SHRINK WRAP TAPE APP

### Specification

Features	: waterproof, rubber glue
Size	: 48 mm/33 meter
Color	: white
Packaging	: 24 rolls per box
Productnumber	: 106804833

### Specification

Features	: waterproof, rubber glue
Size	: 72 mm/33 meter
Color	: white
Packaging	: 16 rolls per box
Price	: €5,70 per roll

## PIPE CLAMPS

### Specification

Size	: 45 mm Ø
Packaging	: 655 or 100 pieces per box
Product number	: 107600000 or 107600001

## SHRINKING GUN - RIPACK 3000

Productnumber	: 093333424
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## SHRINKING GUN – EXPRESS RAPTOR

Productnumber	: 099152693
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