



**DIAWRAP™**

**Polyolefin Stretch Wrapping Film for  
Automatic and Manual Wrapping Machines**



Mitsubishi Polyester Film GmbH

# Mitsubishi Chemical Group

With a vast network of affiliate companies, the Mitsubishi Chemical Group has both the organisation and infrastructure to realise local and global synergies. Over 70,000 employees work in 30 different countries to deliver innovative solutions for customer applications.

Thanks to the intensified collaboration and coordination on a regional and global level, Mitsubishi Chemical Group companies are uniquely positioned to meet the changing demands of key industries including automotive, aerospace, medical, packaging and 3D printing.

## KAITEKI - Our Philosophy

At Mitsubishi Chemical Group, sustainability is more than a concept - it's a way of life. Through our focus on improving the health and well-being of people and the planet, we create innovative sustainable solutions globally. The sustainable well-being of people and our planet Earth - we call it **KAITEKI**.

We believe our role in the chemical industry is to be partners in innovation, developing material solutions that support a circular economy and sustainability of the earth and society. This overarching **KAITEKI** Philosophy is our guiding principle as we use LESS to have MORE.



# DIAWRAP™ Polyolefin Films

DIAWRAP™ SUPER is a polyolefin, multilayer co-extruded film specifically designed for automatic and manual wrapping machines in order to pack all kind of foods, including fatty foods. This film is fully approved according to EU food contact regulations.

## Benefits of DIAWRAP™ SUPER

- Excellent convertibility:  
Improved mechanical properties due to unique manufacturing technology. No wrinkles, perfect appearance
- Very good oxygen, water vapor & CO<sub>2</sub> - barrier
- No solvents and phthalate plasticizers used in production, no hydrogen chloride generated upon its incineration
- Exceptional sealing performance:  
The 3 layer construction of the film enables a very good seal by melting the two surface layers
- Waste reduction:  
High yield per weight because of low density and excellent stretch performance

DIAWRAP™ ECO is a polyolefin, multilayer co-extruded, ecological cling film which is specifically designed for home and business use. It is a 2 in 1 film for wrap and microwave cooking suitable for temperatures from -60° C up to 160° C.

## Benefits of DIAWRAP™ ECO

- Due to unique manufacturing technology DIAWRAP™ ECO has a very high transparency
- No PVC
- Superior cutting properties
- High tensile strength
- Excellent sticking properties
- Very good odour barrier
- High heat durability
- Superior oxygen barrier
- Useable in microwaves and freezers

## DIAWRAP™ Polyolefin Films: For all kinds of food wrapping

Type	Super	Super AWE	Super PHM	Super A45	ECO
Thickness	10.5	11.5	10.5	12.5	7
Core Diameter	3"	3"	3"	4.5"	3"
Length	1200m	1200m	750m	1500m	3300m
Machine Type	Automatic	Automatic	<b>Manual</b>	Automatic	<b>Cling Film</b>
Special Feature	Standard Film	<b>High stretch for bigger yields</b>	For manual applications	<b>Thicker version of film</b>	Suitable for microwave and freezer

### DIAWRAP™ SUPER

Standard version for manual and automatic wrapping machines.

### DIAWRAP™ SUPER AWE

Extra stretch properties especially for automatic wrapping machines with super stretch function.

### DIAWRAP™ SUPER PHM

Manual wrapping film with excellent seal, cling and stretch properties for convenient hand wrapping.

### DIAWRAP™ SUPER A45

Thicker version of our standard film on 4.5" core for automatic wrapping machines.

### DIAWRAP™ ECO

Ecological cling film, suitable for microwavers and freezers.

For detailed technical information you can obtain a special technical data sheet for each film grade. Please contact us!

## Your Partner in Innovation

Partnering with Mitsubishi Chemical Group ensures working with a supplier who has a global network of researchers on the cutting edge innovation. Whether your challenge is product or service related, we commit to bringing you new ideas to discover the next ground-breaking solution for your business.



## Our Global R&D Team

- Dedicated R&D Team for your development needs with collaboration globally across our R&D Teams
- Pilot line capability available for small scale production and initial new product developments

This brochure reflects our state of knowledge at the time this was prepared. The purpose is to provide an overview of the characteristics of our products and their potential uses. It neither guarantees specific properties nor the suitability of products in specific applications. The user must observe industrial property rights, such as patents or trademarks. The quality of our products is covered by the terms of the General Conditions of Sale of Mitsubishi Chemical Group.

## Contact one of our DIAWRAP™ Polyolefin Films expert

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