



MYLAR® A

Product Description

Mylar® A films are tough, general purpose films that are transparent in 48 through 92 gauge and translucent in heavier gauges. They have a rough surface to provide ease of handling, good adhesion, and processability. They are used for a broad range of industrial applications.

General Product Info

Mylar® A films have balanced tensile properties and excellent resistance to moisture and most chemicals. They can withstand temperature extremes from -100°F to 300°F. Mylar® does not become brittle with age under normal conditions, because it contains no plasticizers.

Special Features

Slit rolls are available in the following ID and OD configuration:

- λ 3" ID 9 1/2" OD
- λ 3" ID 13" OD
- λ 3" ID 16" OD
- λ 3" ID 18" OD
- λ 6" ID 11" OD
- λ 6" ID 14" OD
- λ 6" ID 16 1/2" OD
- λ 6" ID 18" OD

Master rolls are much longer lengths, splice free, and are available on 10 inch ID cores. Master rolls are available in minimum order quantities of 10,000 lb per item.

Typical Applications

Mylar® A films are used extensively in a wide variety of markets. Some of them are:

- λ Apparel stays
- λ Book jackets
- λ Carbon ribbon
- λ Control Tape
- λ Drumheads
- λ Duct Liners
- λ Identifications
- λ Membrane touch switches
- λ Metallized Base
- λ Pressure Sensitive Labels (plain or metallized)
- λ Protective surfacing
- λ Release liners
- λ Roll leaf (hot stamping)
- λ Spirit Masters

Approvals

Food Contact Status - All gauges of Mylar® A comply with the Food and Drug Administration regulation 21 CFR 177.1630 -- Polyethylene phthalate polymers. This regulation describes films which may be safely used in contact

with all types of food excluding alcoholic beverages. Uncoated films such as Mylar® A can be used to contain foods during oven cooking or oven baking at temperatures above 250 °F.

Drug Master File - This product is listed in our Drug Master File.

UL 94 VTM-2 - for 92 -700 gauge (0.023 - 0.18mm)

UL Recognition - for 700 gauge (0.18mm) - HWI=4, HAI=2, CTI=1

Typical Properties

Available Thickness [Gauge]
48; 75; 92; 142; 200; 300; 400; 500; 750; 900; 1000; 1200; 1400

Property	Thickness	Value	Units	Test
OPTICAL				
Haze	142	9 - 29	%	ASTM D1003
Haze	200	13 - 37	%	ASTM D1003
Haze	300	14 - 50	%	ASTM D1003
Haze	400	20 - 55	%	ASTM D1003
Haze	48	4	%	ASTM D1003
Haze	500	21 - 60	%	ASTM D1003
Haze	75	15	%	ASTM D1003
Haze	92	16	%	ASTM D1003
PHYSICAL				
Elongation at Break MD	1000	150	%	ASTM D882A
Elongation at Break MD	1400	170	%	ASTM D882A
Elongation at Break MD	142	125	%	ASTM D882A
Elongation at Break MD	200	135	%	ASTM D882A
Elongation at Break MD	300	135	%	ASTM D882A
Elongation at Break MD	400	140	%	ASTM D882A
Elongation at Break MD	48	110	%	ASTM D882A
Elongation at Break MD	500	140	%	ASTM D882A
Elongation at Break MD	75	110	%	ASTM D882A
Elongation at Break MD	750	140	%	ASTM D882A
Elongation at Break MD	900	150	%	ASTM D882A
Elongation at Break MD	92	110	%	ASTM D882A
Elongation at Break TD	1000	140	%	ASTM D882A
Elongation at Break TD	1400	170	%	ASTM D882A
Elongation at Break TD	142	100	%	ASTM D882A
Elongation at Break TD				