

Acktar MAXiBLACK

Super Black Polymer Film



光技術をサポートする
株式会社オプトサイエンス

<http://www.optoscience.com>

東京本社 〒160-0014 東京都新宿区内藤町1番地 内藤町ビルディング TEL:03-3356-1064

大阪営業所 〒532-0011 大阪市淀川区西中島7-7-2 新大阪ビル西館 TEL:06-6305-2064

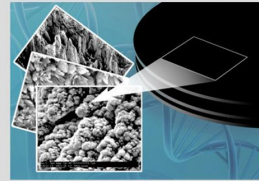
名古屋営業所 〒450-0002 名古屋市中村区名駅2-37-21 東海ソフトビル TEL:052-569-6064

E-mail : info@optoscience.com

Acktar
MAXIBLACK

New Super Black Polymer Film

Thinner & Blacker



Main features



MAXIBLACK™ delivers the lowest in-the-industry reflectance across the spectrum from the UV thru the VIS to SWIR together with a range of features and advantages

1% specular reflectance



- Wide band absorbance from 10 nm to 10 microns
- Flexible, conformable, ultra-thin film
- Die cuts / kiss-cuts - any shape
- Broad operational temperature range
- Durable



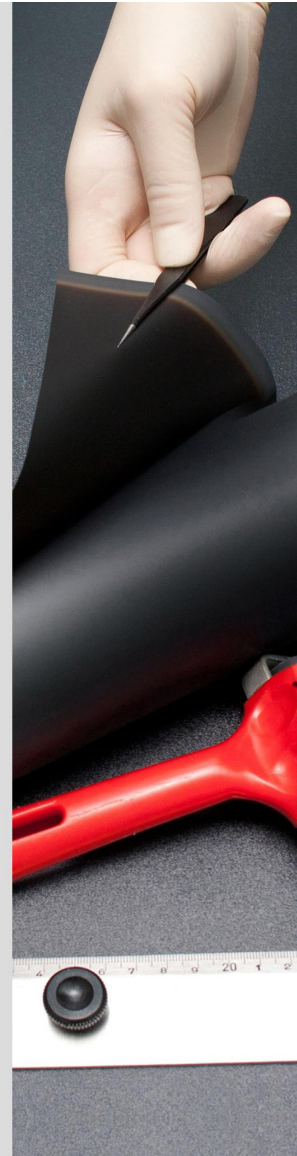
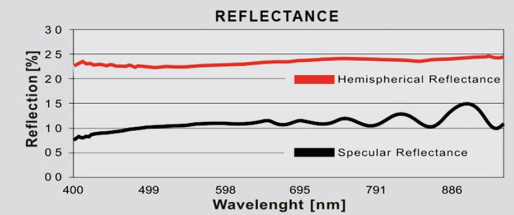
Acktar
MAXIBLACK

World leader in Black Coatings

SPECIFICATION

Working Temperatures	
With / without adhesive	long term: -20 °C to +85°C, short term: up to + 120 °C
Coating Chemical Content	
Substrate	completely inorganic
material	PET film
Thickness	
Coated film	50 microns, nominal
Adhesive (optional)	30 or 60 microns
Abrasion Resistance	Moderate
Humidity Resistance	85RH / 85°C >500hr
Storage and Shelf Life – adhesive limited	
storage conditions	indoor conditions (temperature approx. 21°C; RH approx. 50%)
shelf life	12 months
Delivery Formats	
Additional Options	standard – sheets 200mm width
	die-cuts
	low outgassing adhesive
	roll format
	adhesive free

*All data should be considered typical/representative only



Acktar
MAXIBLACK

MAXIBLACK™

Acktar Black coatings are the Gold standard in space and other demanding applications now available for mass produced optical applications.

Displays & imaging

Improve your image with better contrast and sensitivity.



Cameras



MAXIBLACK™

Acktar
MAXIBLACK

is manufactured by innovative roll to roll thin film technology. The production site is equipped with up-to-date machinery allowing manufacturing of thousands of meters of Acktar's super black film.

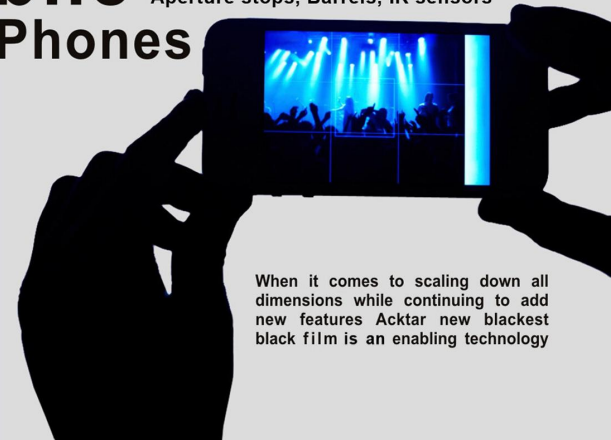
Micro optics

Apertures and Baffles for DLP, DMD housings and other components. For miniaturized optics Acktar's MAXIBLACK is the ideal solution.



Mobile Phones

Aperture stops, Barrels, IR sensors



When it comes to scaling down all dimensions while continuing to add new features Acktar new blackest black film is an enabling technology



Acktar
MAXiBLACK
Super Black Polymer Film

Nov. 2015

Other Acktar coated foils: Metal Velvet / Spectral Black

Headquarters

Acktar Ltd.
1 Leshem St, Entrance A
P.O.B. 8643;
Kiryat-Gat 82000, Israel
Tel: +972-8-6814213
Fax: +972-8-6810198
E-mail: customer-support@acktar.com
www.acktar.com

Europe Subsidiary

ACM Coatings GmbH
Rudelsburgpromenade 20 c
06628
Naumburg - Bad Koesen
Tel: +49-34463-621340
Fax: +49-34463-621349
E-mail: info@acm-coatings.de
www.acm-coatings.de

Japan Subsidiary

Acktar Japan
2nd FL., Tanizawa Bldg.,
17-1-Chome, Kanda Nishiki-Cho,
Chiyoda-Ku, Tokyo
Japan #101-0054
Tel: +81-3-5283-7311
FAX: +81-3-3219-1250
E-mail: info@cpj.co.jp