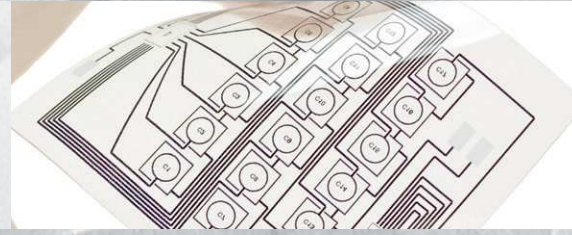


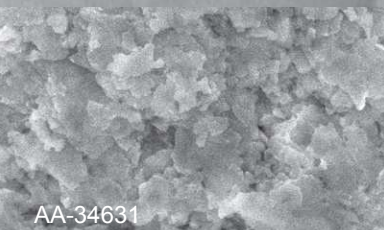
POLYMER THICK FILM COATINGS



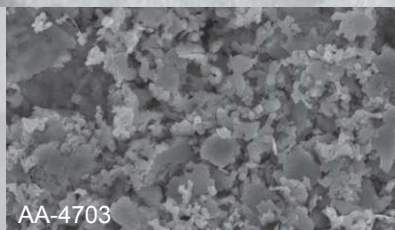
Metalor produces a full range of products utilizing multiple powder manufacturing chemistries. These flakes have been designed with a range of particle sizes for flexible substrates including thermoforming applications.

SILVER FLAKES

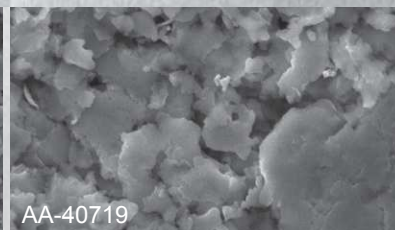
Product Name	Lubricant Coating	Tap Density (g/cm ³)	Surface Area (m ² /g)	Particle Size Distribution (µm)			
				100	90	50	10
AC-2594	A	4.7	0.89	8.0	3.9	1.5	0.9
AA-34631	A	2.0	1.80	24.0	10.0	4.3	1.5
EA-2388	E	3.1	1.17	24.0	9.6	3.8	1.2
AA-4703	A	3.5	1.01	28.0	12.2	4.4	1.2
AA-4094	A	3.0	0.84	32.0	12.8	4.9	1.5
AA-58917	A	3.5	0.80	34.0	13.0	5.0	2.0
SA-0200	S	2.9	1.04	32.0	13.3	5.7	2.0
AA-40764	A	2.5	1.10	35.0	15.0	6.2	2.2
AA-40719	A	2.7	1.00	45.0	15.8	6.5	2.0
AA-4077	A	2.1	1.30	42.0	15.6	7.1	2.4
RA-0076	R	2.6	0.79	43.0	20.6	9.1	2.9



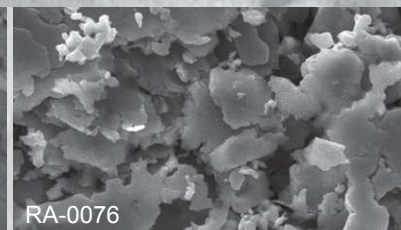
AA-34631



AA-4703



AA-40719



RA-0076

Metalor Technologies USA Corporation
 Phone +1 508 226 4470, www.metalor.com
advanced_coatings.us@metalor.com

Metalor Technologies SA
 Phone +41 32 720 6111, www.metalor.com
advanced_coatings.ch@metalor.com

METALOR®

ADVANCED COATINGS BUSINESS GROUP

CHINA

Metalor Technologies (Suzhou) Ltd.
B building, 48 Dong Fu Road
Suzhou Industrial Park
Jiangsu Province
P.R. China 215123
Phone +86 512 6593 6181
advanced_coatings.cn@metalor.com

Dongguan Branch Office

Unit B213, Wanbao Cheng
Dezheng E. Road, Changan
Dongguan, Guangdong Province
P.R. China 523856
Phone +86 769 8544 3938

FRANCE

Metalor Technologies Advanced Coatings France SAS
2, Rue Specia
F-69190 Saint-Fons
Phone +33 4 72 66 32 10
advanced_coatings.fr@metalor.com

HONG KONG

Metalor Precious Metals Hong Kong Ltd.
Suite 1705-9 The Metropolis Tower
10 Metropolis Drive
Hung Hom, Kowloon
Hong Kong – China
Phone +852 2521 4131-5
advanced_coatings.hk@metalor.com

ITALY

Metalor Technologies (Italia) S.r.l.
Via Cesare Cantù, 22
I-20017 Rho (MI)
Phone +39 02 46 51 44 21
advanced_coatings.it@metalor.com

JAPAN

TANAKA Kikinzoku Kogyo K.K.
2-6-6, Nihonbashi-Kayabacho, Chuo-ku
Tokyo 103-0025
www.tanaka-preciousmetals.com

EEJA Ltd.

5-50 Shinmachi, Hiratsuka
Kanagawa 254-0076
Phone +81 463 32 8131
www.eeja.com

Mitomo Semicon Engineering Co. Ltd.

5842 Sakatemachi, Joso City
Ibaraki-Prefecture 303-0042
Phone +81 297 21 8180
www.mitomo-semicon-eng.co.jp

NETHERLANDS

Metalor Technologies (UK) Ltd.
Netherlands Branch
Weegschaalstraat 3
NL-5632CW Eindhoven
Phone +31 40 291 1265
advanced_coatings.nl@metalor.com

SINGAPORE

Metalor Technologies (Singapore) Pte. Ltd.
Surface Engineering Hub
8 Buroh Street #01-06
Singapore 627563
Phone +65 6586 3333
advanced_coatings.sg@metalor.com

SPAIN

Metalor Technologies (Ibérica) S.A.
C/ Albasanz, 14 bis, 1ºG
E-28037 Madrid
Phone +34 91 375 7480
advanced_coatings.es@metalor.com

SWEDEN

Metalor Technologies (Sweden) AB
Åsboholmsgatan 21
SE-50451 Borås
Phone +46 33 444 250
advanced_coatings.se@metalor.com

SWITZERLAND

Metalor Technologies SA
Route des Perveuils 8
CH-2074 Marin
Phone +41 32 720 6111
advanced_coatings.ch@metalor.com

TAIWAN

Metalor Precious Metals Hong Kong Ltd.
Taiwan Branch
6F, 101 Rei-Hu Street
Nei-Hu
Taipei, Taiwan R.O.C.
Phone +886 2 7720 7775
advanced_coatings.tw@metalor.com

Metalor Coatings (Taiwan) Corporation

16 East 7th Street
Nan-Tze Export Processing Zone
Kaohsiung, Taiwan R.O.C.
Phone +886 7 368 0560

THAILAND

Metalor Technologies (Singapore) Pte. Ltd.
Bangkok Representative Office
335/43, 7th Floor, Prime State Office
Sirnakarin Road, Nongborn, Pravej District
TH-Bangkok 10250
Phone +66 2366 0719
advanced_coatings.th@metalor.com

UNITED KINGDOM

Metalor Technologies (UK) Ltd.
74, Warstone Lane
UK-Birmingham B18 6NG
Phone +44 121 262 3088
advanced_coatings.uk@metalor.com

USA

Metalor Technologies USA Corporation
52 Gardner Street
USA-Attleboro, MA 02703
Phone +1 508 226 4470
advanced_coatings.us@metalor.com

255 John Dietsch Boulevard
USA-North Attleboro, MA 02763
Phone +1 508 699 8800

1640 Thomas Street
USA-Port Huron, MI 48061
Phone +1 508 699 8800

TANAKA America Inc.

235 Vineyard Court x150
USA-Morgan Hill, CA 95037
Phone +1 408 778 3217

VIETNAM

Metalor Technologies (Singapore) Pte. Ltd.
Vietnam Representative Office
Suite 816, 8th Floor, Viwaseen Building
48 To Huu Street, Trung Van Ward,
Nam Tu Liem District
VN-Hanoi
Phone +84 97 1343134
advanced_coatings.vn@metalor.com



DISCLAIMER

This data sheet provides information concerning the properties, composition and use of Metalor's products. The information is provided solely as a convenience to customers. Neither this data nor any advice concerning the selection and/or use of any product shall constitute a warranty of any type, whether express or implied. ALL WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT ARE EXPRESSLY DISCLAIMED. Nothing in this data sheet or in other information provided by Metalor shall be construed as a recommendation or inducement to produce or use any process or product in a manner that infringes any existing or future patents. All sales are made expressly subject to Metalor's standard terms and conditions which are printed on the reverse side of each invoice. Metalor shall not be responsible for any liability arising out of the processing or use of any product in a manner, process or formula not designed by Metalor.

Metalor Technologies SA
Route des Perveuils 8, CH-2074 Marin
Tel. +41 (0) 32 720 6111, www.metalor.com
advanced_coatings@metalor.com