

# News Release

FOR IMMEDIATE RELEASE

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# Michelman to Showcase Flexible Packaging and Digital Printing Solutions at Pack Print International

麦可门携软包装和数码印刷解决方案参展 Pack Print 国际包装和印刷展

CINCINNATI, OH (September 12, 2017) — Michelman, an industry leader in primers for digital printing and coating solutions for flexible and paper packaging, will showcase a variety of technologies at the 6<sup>th</sup> International Packaging and Printing Exhibition for Asia (PACK PRINT INTERNATIONAL) being held September 20-23, 2017 at the Bangkok International Trade & Exhibition Centre.

Michelman will feature primers for digital printing; OPVs for specialty applications for digital and analog printing; barrier coatings for flexible packaging; and functional coatings for paper converting.

Visitors to the show will get a first look at the company's water-based Michem® Flex Barrier coating formulated to create an oxygen barrier on flexible packaging film and paper.

Michelman's new oxygen barrier coating eliminates the need to use alternatives containing chlorine, or nanoparticles, while maintaining effectiveness through processing and distribution functions. It shows excellent printability and lamination bond strength, and is compliant for use in food. Formulated as a single component, ready to use coating, Michem Flex Barrier 3510 is easy to apply in-line or off-line, and without a primer. Because it requires no mixing, it exhibits excellent shelf life.

Their flexible packaging solutions include Michem<sup>®</sup> Flex P-series <u>extrusion coating primers</u>. These proven, water-based formulations render packaging films and papers more receptive to extruded PE and PP film. This allows for a more efficient extrusion process at lower temperatures, and with better adhesion to the substrate. Grades are available for applications ranging from basic dry and wet, to demanding retort packaging.

Also featured at the show will be Michelman's Michem® Flex HS-series <a href="heat seal coatings">heat seal coatings</a> that balance low initiation temperatures with high ultimate bond strength, as well as Michem Emulsion and Michem Lube, extensive families of <a href="functional coating additives">functional coating additives</a> that are added to water-based flexible packaging coatings to maximize the efficiency of form, fill and seal operations.

PACK PRINT INTERNATIONAL attendees can find Michelman in Booth E15 September 20-23 at the Bangkok International Trade & Exhibition Centre.

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#### **About Michelman**

Michelman is a global developer and manufacturer of environmentally friendly advanced materials for industry, offering solutions for the coatings, printing & packaging and industrial manufacturing markets. The company's surface additives and polymeric binders are used by leading manufacturers around the world to enhance performance attributes and add value in applications including wood and floor care products, metal and industrial coatings, paints, varnishes, inks, fibers and composites. Michelman is also well-known as an innovator in the development of barrier and functional coatings, as well as digital printing press primers that are used in the production of consumer and industrial packaging and paper products, labels, and commercially printed materials. Michelman serves its customers with production facilities in North America, Europe and Asia, product development and technical service centers in several major global markets, and a worldwide team of highly trained business development personnel. 美国俄亥俄州辛辛那提(2017 年 9 月 12 日) - 作为数码印刷底涂和软包装/纸张涂层的行业领导者,麦可门将于 2017 年 9 月 20-23 日在泰国曼谷举办的第六届亚洲国际包装和印刷(PACK PRINT INTERNATIONAL)展会期间展出多样化的技术和解决方案。

麦可门将展出应用于数码印刷的底涂解决方案;应用于专业数码和传统印刷的上光油(0PVs)产品;应用于软包装行业的阻隔涂层;以及应用于纸张加工的功能性涂层。

展会现场,参观者能够了解到麦可门公司的水性 Michem® Flex Barrier 系列涂层,这一系列主要为软包装薄膜和纸张提供阻氧性能。麦可门的这款全新阻氧涂层使客户无须使用其它含有氯或纳米粒子的涂层,而能够使包装在加工和运输过程中达到相同程度的性能。它拥有优异的适印性和复合粘结强度,并且符合食品包装标准。作为一款可直接涂敷的涂层产品,Michem Flex Barrier 3510 既可用于在线涂布也可用于离线涂布,而不需要使用任何底涂。正因为其无需进行混合,因此它具有极为出色保存期限。

Michem® Flex P-series 挤出涂层底涂是麦可门软包装涂层的主要解决方案。这些业经证明的水性配方使软包装薄膜和纸张对挤出 PE 和 PP 薄膜的适应性更佳。这一解决方案使产品在低温环境下就能够拥有更高效的挤出过程,并对基材的附着力更佳。目前在这一系列中,产品种类多样,可满足一般干/湿应用,也可满足极端需求的主流包装材料。

同时,麦可门 Michem® Flex HS 系列也将出现在展会现场,这一系列主要为热封涂层,能够在低温环境下形成高粘结强度。另外,麦可门 Michem Emulsion 和 Michem Lube 系列也将亮相,将添加剂与麦可门水性软包装涂层结合使用,进一步提高了包装成形、填充和密封的最大效率。

麦可门展位号为 E15, 欢迎您前来与麦可门的专家团队作进一步的交流。

### 关于麦可门

麦可门是为行业提供环保先进材料的全球开发者和生产者,为涂料、印刷和包装以及工业制造行业提供解决方案。麦可门公司的表面添加剂、聚合类树脂深受世界领先制造商的认可,为许多行业应用增添了价值,包括木器和地面维护、金属和工业涂料、水墨、光油、纤维、复合材料和建筑等多个领域。同时,作为在阻隔以及功能性涂层和数码印刷底涂行业的创新者,麦可门为消费品和工业品包装、纸张产品、标签以及商业印刷产品提供了全系列解决方案。麦可门在北美洲、欧洲以及亚洲设有生产基地,在全球几大主要市场设有产品研发和技术服务中心,并在全球范围内拥有经过严格培训的业务开发人员,为跨国以及本地客户提供全方位的支持。

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