

Pressure Leaf Covers 压力叶滤机

Markert Inc™ is a leading supplier of pressure leaf covers to meet the needs of diverse sectors including chemicals and mineral processing industries.

我们的过滤是一个领导级的供应商在压力叶覆盖的需求进行不同领域,包括化学和矿物加工行业。

As the name suggests, the pressure leaf filter uses individual metal filter frames or ‘leaves’ to support each filter bag. The array of filter leaf and bag assemblies is arranged inside a pressure vessel housing vertically with the leaf fully covered and sealed. Liquid flows into the shell of the enclosing vessel, through the medium on the leaf to the top of the leaf and through the filtrate collection manifold. The filter cake builds on the surface of the media to its optimum thickness so we understand the demand for a smooth cake release on fabrics.顾名思义,压力叶片过滤器使用单独的金属过滤器框架或“叶片”来支撑每个过滤袋。过滤器叶片和袋组件阵列垂直布置在压力容器外壳内,叶片完全覆盖并密封。液体流入封闭容器的外壳,通过叶片上的介质到达叶片顶部,并通过滤液收集歧管。滤饼在介质表面形成最佳厚度,因此我们了解对织物上光滑滤饼释放的需求。

Our reliable and effective filtration products are created from polyester, polypropylene and other materials, sometimes with special coatings, to improve cake formation and assist customers in meeting their performance objectives

我们的可靠和有效的过滤产品是有聚酯、聚丙烯和其他材料,有时与特种涂料织造的、改善滤饼形成和协助客户满足其性能目标。

Key Features and Benefits

- Superior Cake Formation 优化的滤饼的形成
- To suit all makes and models 适合所有机型
- Backed by local technical support 优良的当地的技术支持

Strong resistance for long-lasting performance 持久性能的强大耐磨性

Endurance to high temperatures 耐高温性能

Excellent cake release with reduced risk of waste 出色的滤饼释放性能,减少浪费风险

Guaranteed filtrate clarity 保证滤液澄清晰度

High filtration throughput 高过滤通量

We develop and weave our fabrics to your precise application demands 我们根据您的精确应用需求开发和编织我们的织物

Markert bags are valued by end-users and OEMs running these pressure leaf filters:使用这些压力叶过滤器的终端用户和原始设备制造商对我们的滤袋子很重视

- Amafilter/LFC Lochem 阿玛菲特/LFC 罗赫姆
- Ascension (Durco) 阿森松岛 (杜尔科)
- CEM (Chemplant) CEM(化工厂)

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| • Envirogen | 环境 公司 |
| • Gaudfrin | 高德福林 |
| • Kelly | 凯莉 |
| • Outotec (Scheibler) | 奥图泰（豪斯伊布） |
| • Progress | 普罗格雷丝 |
| • Putsch | 普特驰 |
| • Sparkler | 斯帕科勒 |
| • Many others | |

Kelly Bags

These include the ALUTEX® range of products. Developed specifically for use in red mud deliquoring, security, oxalate removal, seed washing and final product applications, Alutex® represents our ongoing commitment to the alumina industry.

这些范围包括 ALUTEX®系列的产品。研制特定的使用在赤泥脱液、安全过滤、草酸去除、种子洗涤和 zui 终产品的应用,Alutex®代表了我们正在致力于氧化铝这个工业。

Our products improve flow performance, inhibit scale formation, reduce the effects of chemical and temperature attack, as well as achieve filtrate solids and cake moisture targets that optimize the plants productivity gains whilst still maintaining quality targets.

我们的产品改善流量能、抑制结垢形成规模,减少化学和温度的影响的腐蚀,以及实现滤液固体和蛋糕水分目标,优化工厂的生产力,同时保证质量目标

ALUTEX® Kelly bags are the most reliable and best performing cloths in the industry, backed by local, technical support.

ALUTEX®的 Kelly 滤袋是最可靠、zui 高效的滤布在氧化铝行业，依靠当地的技术支持。

Key Features and Benefits

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| • More productive, lower cost operations | 更高的生产力,降低运营成本 |
| • Lower filtrate solids & cake moisture | 降低滤液固体&蛋糕水分 |
| • Increased hours between caustic washes | 增加碱洗的时间之间 |
| • Increased flows and reduced blinding | 增加流和降低致盲 |
| • Improved life & cake release | 更好的生活和蛋糕释放 |

我们一直是所有类型的水平和垂直压力和真空叶式过滤机的滤袋、袋子和宏管的供应商，如：Cricket、Diastar、凯利、Tamaris、Miningtech Moore，奥图泰等。叶式滤袋是与的设备制造商以及直接与终用户密切合作开发的，关注过滤设备和分离应用的具体要求。

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Heavily used in the production of titanium dioxide, Markert combine industry leading technologies to produce high quality Vacuum Moore Leaf Filter Bags. Our Primapor™ coated media coupled with advanced fabrication techniques, offer sustained high performance in various thermal, chemical and mechanical conditions within the demanding filtration and washing processes. Markert 在二氧化钛生产中大量使用，结合行业领先的技术生产出高质量的真空摩尔叶过滤袋。我们的 Primapor™ 涂层介质结合先进的制造技术，在要求苛刻的过滤和洗涤过程中，在各种热、化学和机械条件下提供持续的高性能。

During the production process, the Moore Leaf Filter leaves transition between slurry and wash tanks. It is a standard requirement for the Leaf Bags to be robust and dimensionally stable under continuous vacuum during tank transfer. Markert has worked with industry leaders to develop new fabrication techniques that provide fully sealed, leak-free seams. In addition, we have designed alternative easy fit closure mechanisms to vastly reduce installation times, reduce manual handling and eliminate certain OHS risks by eliminating the need for costly adhesive application. 在生产过程中，摩尔叶过滤器在浆料和洗涤罐之间留下过渡。在罐转移过程中，叶袋在连续真空下具有坚固性和尺寸稳定性是标准要求。Markert 与行业领导者合作开发了新的制造技术，提供完全密封、无泄漏的接缝。此外，我们还设计了其他易于安装的闭合机制，通过消除对昂贵的粘合剂应用的需求，大大减少了安装时间，减少了手动操作，并消除了某些职业健康安全风险。

Benefits of Markert Vacuum (Moore) Leaf 我们的真空（摩尔）叶片滤袋的优点

- Thermal, chemical and mechanical resistant substrate and coating 耐热、耐化学和耐机械基材和涂层
- Dimensionally stable materials for endurance against elongation whilst in transit 尺寸稳定的材料，在运输过程中能够承受伸长
- The option to use Primapor™ coated media for exceptional filtration performance 选择使用 Primapor™ 涂层介质以获得卓越的过滤性能
- Optimum flow rate to increase production efficiency 提高生产效率的最佳流速
- Industry leading fabrication for long operational life and reduced labour costs 行业领先的制造技术，可延长使用寿命并降低劳动力成本
- Low cake moisture with up to zero filtrate solids 滤饼水分低，滤液固体含量高达零

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