

Industrial Felts

工业用毛毯

MOTTO ICHIKAWA

Want to learn more?
Scan this QR code to watch the video.
加深理解！浏览视频



English



中文



Protecting products and supporting manufacturing operations
even at high temperatures

High-performance, heat-resistant industrial felts

高温环境下也可保护产品、为生产现场提供支持

高性能、耐热工业用毛毯

Proven high performance derived from papermaking technology

源于抄纸技术的卓越高性能

Based on the advanced technology developed through the production of press felts, Ichikawa's industrial felts have evolved into high-performance products that combine heat resistance, wear resistance and strength. They help maintain consistent quality and deliver long-lasting performance even in high-temperature process environments, such as those in the electronics industry, including printed circuit boards, as well as aluminum extrusion and steelmaking. They protect products and support production lines even under harsh conditions, including high-temperature environments reaching approximately 400°C.

ICHIKAWA的工业用毛毯运用了在造纸用毛毯领域积累的先进技术，不断进化，推出了具备耐热性、耐磨性、高强度的高性能产品，并在电子（印刷电路板）、铝型材挤压、钢铁等行业的高温工艺环境中，实现了“维持稳定品质”和“高温环境中也不劣化的性能”。在高达约400°C的高温环境等各种严酷条件下，保护产品质量、为生产线提供支持。



We use needling to intertwine functional fibers, forming felts that meet the specified thickness and weight requirements

运用针刺工艺使功能性纤维相互交织，制成符合规定厚度、重量要求的毛毯。

For the finishing process, we have resin processing equipment and large-scale press machines. These enable us to perform post-processing that cannot be achieved through needling alone. Our large-scale press machines are capable of pressing large-format felt sheets measuring 1,300 mm × 2,500 mm or larger.

在最终加工工序中，配备有树脂加工设备、大型压榨加工机，可通过后加工，实现提升针刺工艺本身难以达到的性能。使用大型压榨加工机，可支持1300mm×2500mm以上大尺寸产品的压榨生产。



Heat-resistant conveying material
For aluminum extrusion
耐热输送材料
铝型材挤压用
(THERMOTEX®)

Heat-resistant cushioning material
Press pad
耐热缓冲材料
缓冲垫材
(ACE BOARD®)



A diverse product lineup tailored to various temperature ranges and applications

可满足各种温度区间及用途需求的丰富产品阵容

We offer a wide range of products tailored to specific applications, from cushioning materials for high-temperature pressing at 220°C to 450°C or higher, to 500°C-class aluminum conveying materials and roll covers for steel plates. We provide products that are best suited to our customers' manufacturing environment.

产品阵容丰富多样，可满足各种用途需求，适用于220°C~450°C以上高温压榨用缓冲垫材、500°C级铝型材输送材料、钢板用辊筒包覆材料，提供符合生产现场特性的最佳产品。



Optimally designed high-performance belts for use across a wide range of industries

广泛应用于各行业的 最优化设计高性能毛毯

Ichikawa's industrial felts are used in many manufacturing operations where precision and durability are required. During the high-temperature pressing process for printed circuit boards, which are essential components in smartphones and PCs, our heat-resistant cushioning material, ACE BOARD®, helps apply uniform pressure and prevents defects. Furthermore, on aluminum extrusion lines for building materials and precision parts, our heat-resistant conveying material (THER-

MOTEX®) conveys aluminum at temperatures exceeding 500°C while helping prevent surface damage. Our industrial products also play a vital role in ensuring product quality across a wide range of industries and processes, including production lines for steel plates used in automobile bodies and dyeing and finishing processes for various fabrics.

ICHIKAWA的工业用毛毯在需要精密性、耐久性的各种生产现场获得了广泛使用。在智能手机、电脑制造领域不可或缺的“印刷电路板”高温压合工序中，耐热缓冲材料(ACE BOARD®)可实现均匀加压，防止出现次品。此外，在建筑材料和精密零部件的铝型材挤压生产线中，

耐热输送材料(THERMOTEX®)可在不对500°C以上高温铝材造成伤害的情况下实现稳定输送。除上述领域外，本公司产品还广泛应用于汽车车身用钢板制造生产线、各类纺织品染色整理工序等各种产业领域，在所有工序中发挥了保障产品品质的重要作用。



Automobile bodies / 汽车车身



Various fabrics / 各种面料



IoT



5G



Carports / 车棚



Various home appliances / 各种家电



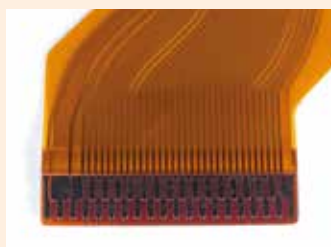
Smartphones and tablets / 智能手机 平板电脑



Aluminum window frames / 铝合金窗框



Printed circuit boards / 印刷电路板



Flexible circuit boards / 柔性电路板



Products by application / 各种用途产品

Heat-resistant cushioning material ACE BOARD®
耐热缓冲材料

Heat-resistant conveying material (for aluminum) THERMOTEX®
耐热输送材料 (铝型材用)

Heat-resistant conveying materials (others) For steel plates and dyeing & finishing processes
耐热输送材料 (其他) 钢板用、染色整理

Wiping materials For water removal
擦拭材料 吸水

High-performance filtration materials For roll pressing
高性能过滤材料 辊压



<https://www.ik-felt.co.jp/english/>

Ichikawa Co., Ltd.
Smart Tech Department Tel: +81-3-3816-1127

ICHIKAWA 株式会社
智能技术部 TEL: 0081-3-3816-1127

Head Office / 14-15 Hongo 2-Chome, Bunkyo-ku, Tokyo 113-8442
Kashiwa Mill / 200 Nedo, Kashiwa, Chiba 277-0831
Iwama Mill / 2600-11 Ago, Kasama, Ibaraki 319-0206
总公司: 邮编 113-8442 东京都文京区本乡 2-14-15
柏工厂: 邮编 277-0831 千叶县柏市根户 200
岩间工厂: 邮编 319-0206 茨城县笠间市安居 2600-11

Tel: +81-3-3816-1111
Tel: +81-4-7132-1111
Tel: +81-299-37-6211
TEL: 0081-3-3816-1111
TEL: 0081-4-7132-1111
TEL: 0081-299-37-6211