

夹板 选型指导手册

CONTACT PAD GUIDE

夹板品种齐全，
满足任何纸品的搬运

A pad for every paper



夹板选型推荐 Recommended Pad Types

印刷纸 Printing Papers			
新闻纸 Newsprint	粘合无划痕黑色橡胶垫夹板（RXH系列）、 粘合聚氨酯夹板（UDP系列） RXH,UDP	可调弧度夹板 Flexipad	卡斯卡特铸造夹板、铰接式夹板 Cascade Cast ,Hinged
涂布纸/画报印刷纸 Coated/Magazine(LWC)	粘合无划痕黑色橡胶垫夹板（RXH系列）、 粘合聚氨酯夹板（UDP系列） RXH,UDP	螺栓紧固式橡胶垫夹板， 螺栓紧固式聚氨酯夹板（UDP系列） Bolt-On Rubber, Bolt-On UDP	卡斯卡特铸造夹板 Cascade Cast
高级日历纸 单双面涂布纸 Supercalendared(SC) clay coated	粘合无划痕黑色橡胶垫夹板（RXH系列）、 粘合聚氨酯夹板（UDP系列） RXH ,UDP	螺栓紧固式橡胶垫夹板， 螺栓紧固式聚氨酯夹板（UDP系列） Bolt-On Rubber , Bolt-On UDP	卡斯卡特铸造夹板 Cascade Cast
石版纸/高级纸 Lithographic/Fine	卡斯卡特铸造夹板 Cascade Cast	粘合无划痕黑色橡胶垫夹板（RXH系列）、 粘合聚氨酯夹板（UDP系列） RXH,UDP	聚酯涂层夹板 Iratane Coated
白色印刷纸 White Printing	卡斯卡特铸造夹板 Cascade Cast	粘合无划痕黑色橡胶垫夹板（RXH系列）、 粘合聚氨酯夹板（UDP系列） RXH ,UDP	聚酯涂层夹板 Iratane Coated
包装纸 Packaging Papers			
牛皮箱纸板/预印纸 Kraft Linerboard/Preprint	带肋条铸造夹板 Ribbed Cast	粘合无划痕黑色橡胶垫夹板（RXH系列）、 粘合聚氨酯夹板（UDP系列） RXH,UDP	螺栓紧固式橡胶垫夹板， 螺栓紧固式聚氨酯夹板（UDP系列） Bolt-On Rubber, Bolt-On UDP
牛皮芯纸/瓦楞纸 Kraft Medium/Fluting	带肋条铸造夹板 Ribbed Cast	粘合无划痕黑色橡胶垫夹板（RXH系列）、 粘合聚氨酯夹板（UDP系列） RXH ,UDP	螺栓紧固式橡胶垫夹板， 螺栓紧固式聚氨酯夹板（UDP系列） Bolt-On Rubber , Bolt-On UDP
强韧箱纸板/灰箱纸板 Test Liners/Grey Carton	带肋条铸造夹板 Ribbed Cast	粘合无划痕黑色橡胶垫夹板（RXH系列）、 粘合聚氨酯夹板（UDP系列） RXH ,UDP	螺栓紧固式橡胶垫夹板， 螺栓紧固式聚氨酯夹板（UDP系列） Bolt-On Rubber , Bolt-On UDP
奶盒用纸板/涂蜡纸 Mick Carton/Waxed	粘合无划痕黑色橡胶垫夹板（RXH系列）、 粘合聚氨酯夹板（UDP系列） RXH ,UDP	螺栓紧固式橡胶垫夹板， 螺栓紧固式聚氨酯夹板（UDP系列） Bolt-On Rubber, Bolt-On UDP	-
涂布箱纸板 Linerboard-Coated	卡斯卡特铸造夹板 Cascade Cast	粘合无划痕黑色橡胶垫夹板（RXH系列）、 粘合聚氨酯夹板（UDP系列） RXH,UDP	螺栓紧固式橡胶垫夹板， 螺栓紧固式聚氨酯夹板（UDP系列） Bolt-On Rubber , Bolt-On UDP



夹板选型推荐 Recommended Pad Types

软性纸 Tissue			
低密度软性纸—柔软卫生纸/面巾纸 Low Density Tissue—Soft toilet/Facial	内缘外凸夹板 Tissue Convex	-	-
中密度软性纸—纸巾纸 Medium Density Tissue-Toweling	双弧度软性纸夹板 Tissue Double Radius	-	-
高密度软性纸—工业用软性纸 High Density Tissue-Industrial	单弧度软性纸夹板 Tissue Single Radius	-	-
干浆板/成卷浆纸 Tissue-Dry-Lap/Roll pulp	卡斯卡特铸造夹板 Cascade Cast	-	-
特种纸 Specialty papers			
石膏纸板 Gypsum Board facing	卡斯卡特铸造夹板 Cascade Cast	带肋条铸造夹板 Ribbed Cast	粘合无划痕黑色橡胶垫夹板（RXH系列）、 粘合聚氨酯夹板（UDP系列） RXH,UDP
半透明纸/防油纸 Glassine/Greaseproof	粘合无划痕黑色橡胶垫夹板（RXH系列）、 粘合聚氨酯夹板（UDP系列） RXH,UDP	带肋条铸造夹板 Ribbed Cast	-
塑料纸/过塑纸 Plastic/Polywrapped	卡斯卡特铸造夹板 Cascade Cast	螺栓紧固式橡胶垫夹板， 螺栓紧固式聚氨酯夹板（UDP系列） Bolt-On Rubber , Bolt-On UDP	聚酯涂层夹板 Iratane Coated
无碳复写纸 Carbonless	无碳复写纸夹板 Carbonless	粘合无划痕黑色橡胶垫（RXH系列）、 粘合聚氨酯夹板（UDP系列） RXH,UDP	粘合聚氨酯夹板（UDP系列）



卡斯卡特铸造夹板 CASCADE CAST

纸卷类型 Paper types:

夹板性能极佳，适用于大部分纸质类型，包括新闻纸、牛皮纸、软性纸、石膏纸、干浆板/成卷浆纸、白色印刷纸和石版纸/高级印刷纸。

Excellent general purpose pad for most paper types including, newsprint, kraft, tissue, gypsum board facing, dry-lap (rolled pulp), white printing and lithographic/fine paper.

设计特点 Design features:

■ 菱形表面适用于夹持各种类型的纸质。

Diamond pattern provides a multi-purpose gripping surface.

■ 排列有序的菱形表面可在水平方向和垂直方向提供最佳的摩擦力。

Orientation of diamond pattern provides excellent friction in horizontal and vertical directions.

■ G系列夹板带肋条，增加表面摩擦，有效防止纸卷压溃。（仅提供G系列标准夹板。）

G-Series ribs add inter-layer friction which will help prevent telescoping. (Available only with standard size G-series pads.)

应用要点 Application notes:

■ 可提供标准尺寸的铸造夹板和非标准尺寸的机加工夹板。

Available in standard size as a cast pad, other sizes as fabricated.

■ 不推荐用于夹持重复回收的大直径牛皮纸纸卷、和重量达到最大承载能力的纸卷。这种场合使用带肋条夹板（见下页）。
Not recommended for large kraft rolls with high recycled content and approaching maximum clamp capacity. For this application use the ribbed cast pad (see page 2).

■ 不推荐用于表面光滑的纸卷。

Not recommended for slick stock.

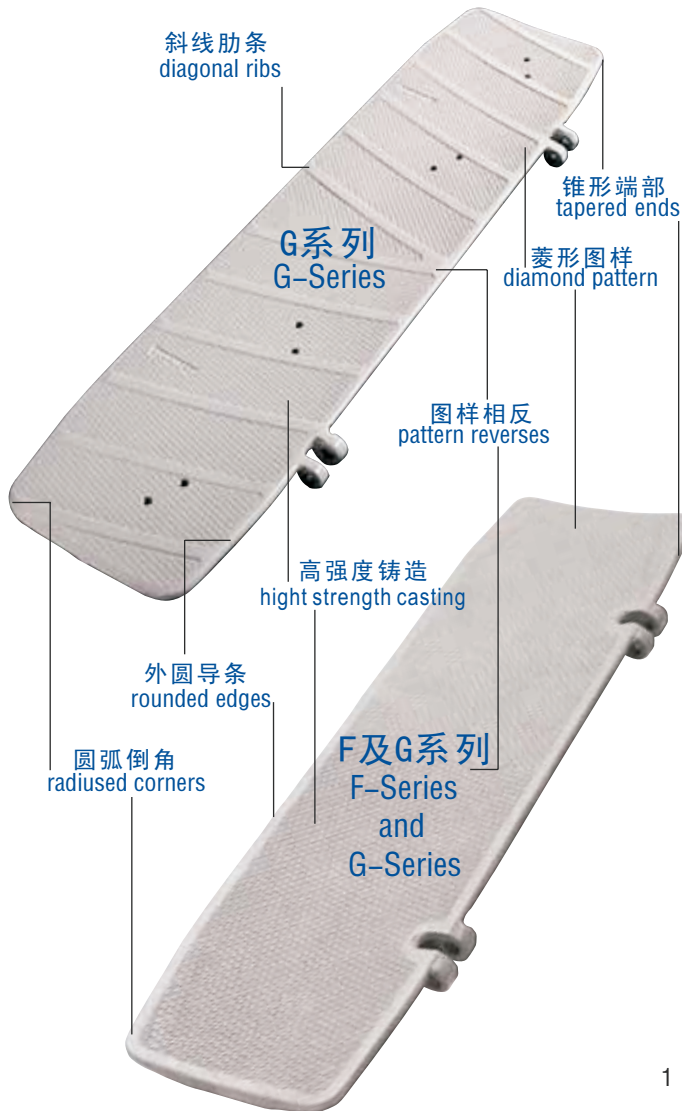
■ 适用于通常载荷下的未夹持或中度夹持的牛皮纸。

Suitable for virgin or medium recycled kraft in average capacity applications.

■ 如需搬运无包装的高级纸，请选择G系列铸造表面的夹板。

Choose the optional cast surface on the G-Series if unwrapped fine paper is to be handled.

G系列铸造表面
G-Series Cast Surface
卡斯卡特铸造表面作为F系列的可选项
Cascade Cast surface optional on F-Series



带筋条铸造夹板 RIBBED CAST

纸卷类型 Paper types:

牛皮纸（牛皮箱纸板、牛皮芯纸、瓦楞纸），预印纸，石膏纸板，涂布箱纸板，半透明纸/防油纸。

Kraft papers (linerboard and medium/fluting), preprint, gypsum board facing, linerboard-coated and glassine/greaseproof.

设计特性 Design features:

■铸造肋条比标准夹板提供了更大摩擦力。

Cast-in ribs provide increased friction compared to standard cast pad.

■减小压溃的危险。

Reduce risk of telescoping layers.

应用要点 Application notes:

■可减小所需夹紧力。

Allows decrease in required clamping force.

■铸造夹板限于型号为77F-120F和夹持直径为1524mm~

1828mm的纸卷夹。

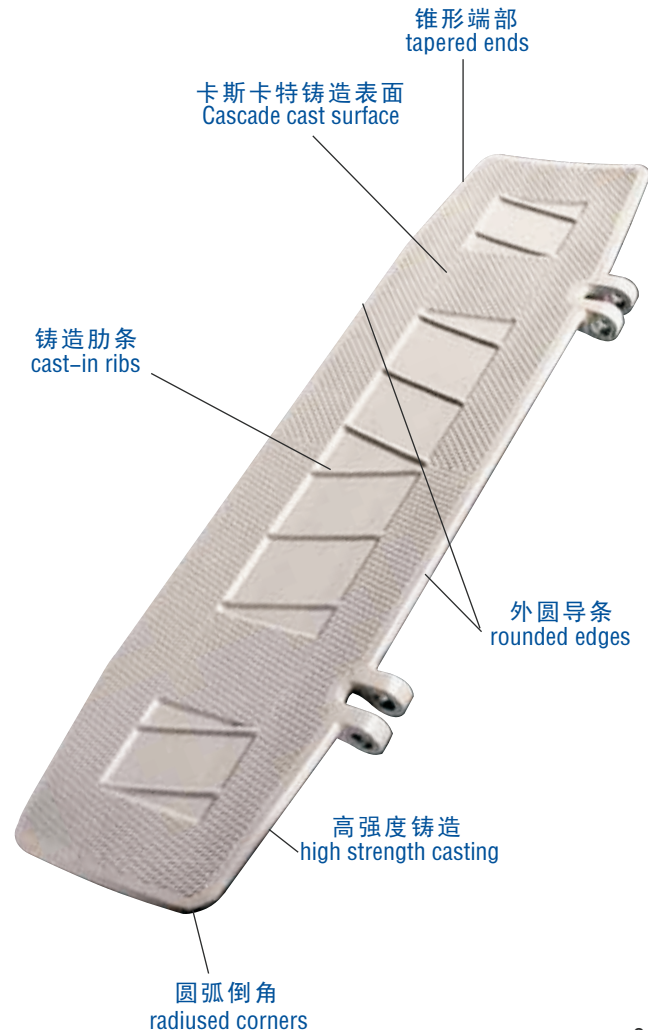
Limited to 77F-120F and 60"-72" diameter rolls as cast pad.

■可提供其它型号的定制/机加工夹板。

Available as a custom/fabricated pad on other models and pad sizes.

■作为90F摆动框架式纸卷夹的标准配置。

Standard on 90F swing frame clamps.



带筋条铸造表面
Ribbed cast surface

表面粗粒型夹板 SPRAY METAL

纸卷类型 Paper types:

多用途夹板，适合大部分纸质，特别适用于高级印刷纸。

Multi-purpose pad for most types of paper, especially those sensitive to imprinting.

设计特点 Design features:

■不锈钢粗砂表面可产生极佳的摩擦力。

Stainless steel grit surface provides excellent friction.

■表面无凸起纹理，避免了凸起纹理对高级印刷纸划伤的可能。

Has no raised textured surfaces that would potentially mark paper sensitive to imprinting.

应用要点 Application notes:

■金属喷涂的表面可用于各种尺寸类型的夹板。

Surface can be applied to any size or radius pad.

■垫板采用钢制，若弯曲变形，可直接修复。

Steel backing plate is repairable if bent during use.

■可提供各种尺寸规格的夹板。

Pad available in any size.

锥形端部
tapered ends

弧度匹配纸卷尺寸
radius to match roll diameter

大圆弧倒角过渡
generous radius
on corners

金属喷涂的表面
Spray Metal surface

粘合无划痕黑色橡胶垫夹板

RXH系列(格子交错型橡胶垫)

BONDED NON-MARKING BLACK RUBBER

RXH-SERIES (Rubber Cross Hatched)

纸卷类型 Papertypes:

用于新闻纸, 高级日历纸, 涂布纸/画报印刷纸, 奶盒用纸板, 涂蜡纸, 半透明纸/防油纸, 白色印刷纸。

Used with newsprint, supercalendared SC, coated/magazine papers LWC, milk carton and waxed stock, glassine/greaseproof, white printing.

设计特点 Design features:

■格子交错的表面防止“吸盘”现象, 并增大摩擦。

Cross hatched surface to prevent suction cup effect and increase friction.

■削边大, 便于嵌入纸卷之间。橡胶垫厚度为8mm。

Large chamfered edge to improve knifing between rolls. 5/16" (8 mm) layer of rubber.

■无划痕橡胶垫。

Non-marking rubber compound.

■边缘凸起, 防止橡胶剥落。

Protective metal edge guard helps prevent rubber from peeling.

应用要点 Application notes:

■弹性橡胶, 减小应力集中, 使压力均匀分布纸卷表面上。

Reduces pressure points and conforms to roll surface due to resiliency of rubber.

■弹性的夹板表面后可避免对纸卷留下滑痕。

Used in applications where a resilient surface is beneficial to prevent marking the roll.

■极佳的摩擦特性。

Excellent frictional characteristics.

■可提供光滑表面, 无RXH形式的橡胶垫。

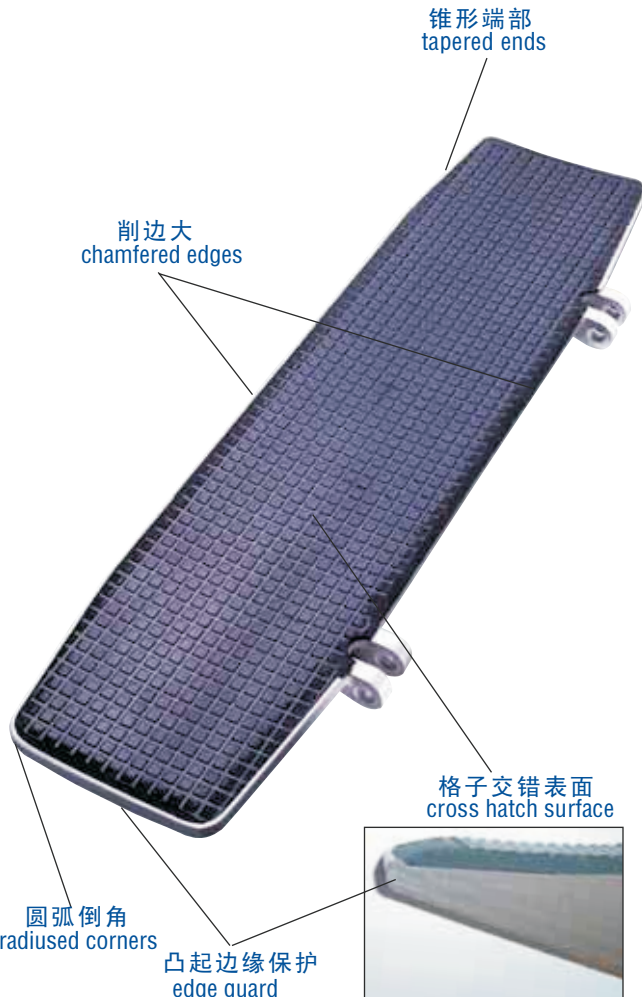
Smooth, non-RXH pattern bonded rubber also available.

■可提供不同硬度标定的橡胶垫。(推荐使用于大多数场合的标准硬度为肖氏65。硬度降低, 摩擦力增大; 硬度提高, 耐久性增强。)

Available in various measures of hardness.(65 durometer is standard and recommended for most applications. Friction increases with lower durometer. Durability increases with higher durometer.)

■可提供定制的夹板尺寸。

Available in custom pad sizes.



格子交错, 表面无滑痕
Cross-hatched, non-marking rubber surface

无碳复写纸夹板 CARBONLESS

纸卷类型 Paper types:
无碳复写纸 Carbonless.

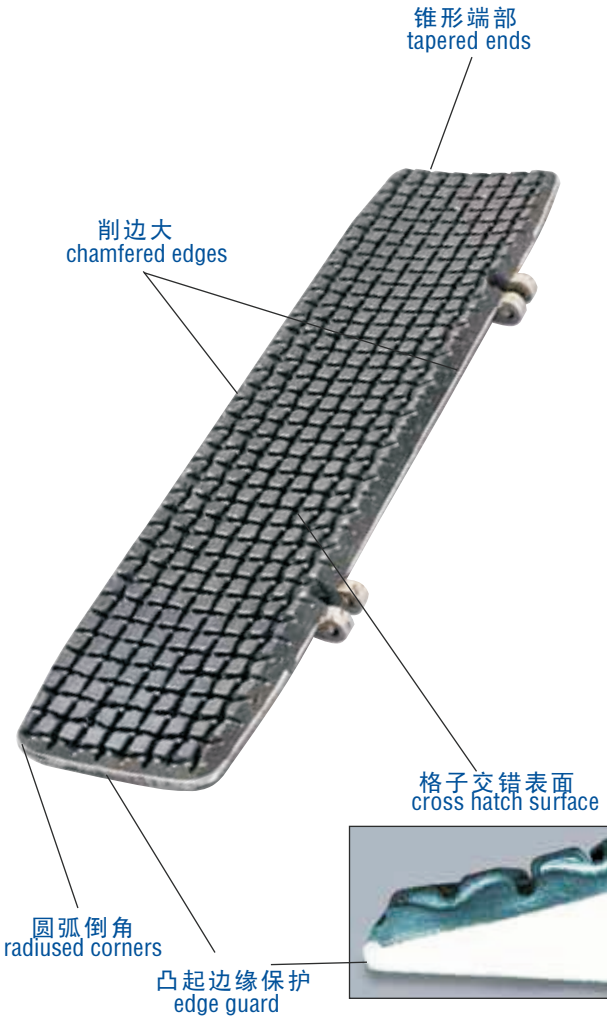
设计特点 Design features:

- 超厚的格子交错型表面，缓冲夹紧力，提供最佳的摩擦力。
Extra thick cross hatched surface to provide a cushioned clamping surface and excellent friction.
- 削边大，便于楔入纸卷之间。橡胶垫厚度为17mm。
Large chamfered edge to improve knifing between rolls. 11/16" (17 mm) layer of rubber.
- 无划痕橡胶垫
Non-marking rubber compound.
- 边缘凸起，防止橡胶剥落。
Protective metal edge guard helps prevent rubber from peeling.

应用要点 Application notes:

- 弹性橡胶，减小应力集中，使压力均匀分布纸卷表面上。
Reduces pressure points and conforms to roll surface due to resiliency of rubber.
- 夹持纸卷高度小的无碳复写纸时，其纸卷直径变化不应过大（小于6mm），橡胶垫标准硬度为40，不推荐采用硬度更高的橡胶垫夹持无碳复写纸。
Used in carbonless applications where slight (up to 1/4") variations in roll diameter exist on narrow width rolls. 40 durometer is standard. Higher durometer not recommended for carbonless paper.

可提供定制的夹板尺寸
Available in custom pad sizes.



格子交错，表面无划痕
Cross-hatched, non-marking rubber surface

粘合的聚氨酯表面夹板

BONDED URETHANE

■ UDP系列（聚氨酯球面轮廓）或光滑表面

UDP Series (Urethane Domed Profile) or Smooth Surface

纸卷类型 Paper types:

高级日历纸，乳胶纸板，蜡纸，涂层纸/杂志纸，牛皮挂面板纸，牛皮介质/牛皮纹理纸，预打印纸，精版纸，复写纸，玻璃纸/防油纸，白卡纸和新闻报纸。

Supercalendared SC, milk carton and waxed stock, coated/magazine LWC, Kraft linerboard, Kraft medium/fluting, preprint, fine papers, carbonless, glassine/greaseproof, white printing and newsprint.

设计特点 Design features:

■ 聚氨酯厚8mm，耐磨，粘合于特殊铸造夹板表面；周边倒角，当夹板嵌入两纸卷之间时，可起到保护作用。

5/16" (8 mm) thick layer of durable urethane bonded to a special pad casting with a perimeter edge to protect the urethane when wedging between loads.

■ 聚氨酯非常适合难以夹持的纸卷。

Urethane is excellent pad material for use on difficult-to-handle papers.

■ 球面颗粒表面可防止潮湿气候中的“吸盘”现象，增加夹板表面的摩擦力和弹性。

Domed oval surface helps prevent suction cup action in humid climates, increases friction and resiliency of pad surface.

■ 比橡胶垫更具耐久性。 More durable than rubber.

应用要点 Application notes:

■ 弹性表面使夹板紧贴纸卷表面，减小纸卷损坏。

Used when a resilient surface is beneficial to decrease roll damage by allowing the pad to conform to the roll.

■ 极佳的摩擦特性。 Excellent frictional characteristics.

■ 可提供不同硬度标定的聚氨酯（推荐使用于大多数场合的标准硬度为肖氏65。硬度降低，摩擦力增大；硬度提高，耐久性增强。）

Available in various measures of hardness (65 durometer is standard and recommended for most applications. Friction increases with lower durometer. Durability increases with higher durometer.)

注：所有G系列和F系列（25F-120F）标准尺寸夹板可提供粘合的UDP表层形式。所有型号的纸卷夹及所有尺寸的夹板均可提供螺栓紧固式UDP表层形式。

Note: UDP-Series surface available for standard size pads on all G-Series and F-Series (25F to 120F). Available as a bolt-on pad on all clamp models and all pad sizes.

可提供光滑表面聚氨酯，用于所有纸卷夹型号。

* Smooth Surface urethane available on all clamp models.

导向削边
chamfered leading edges

锥形端部
tapered ends

UDP形式聚氨酯表层
UDP-Series
urethane surface
shown

外圆导条
rounded edges

圆弧倒角
radiused corners

边缘凸起保护
edge guard

UDP-形式夹板
UDP-Series

光滑表面
Smooth Surface*

聚酯涂层夹板 IRATHANE COATED

纸卷类型 Paper types:

牛皮纸和聚乙烯包纸，涂布箱纸板，白卡纸。

Kraft and polywrapped paper rolls, linerboard-coated, white printing.

设计特点 Design features:

■表面涂层覆盖夹板，无纹理，经久耐用。

A pad coating that is very durable and non-marking.

■比金属夹板具有更小的夹紧力。

Allows paper to be clamped with lower clamp force than metal pads.

■涂层平均厚4mm，保持了夹板薄的优点。

Irathane is applied with an average 4 mm thickness to maintain the thin pad profile.

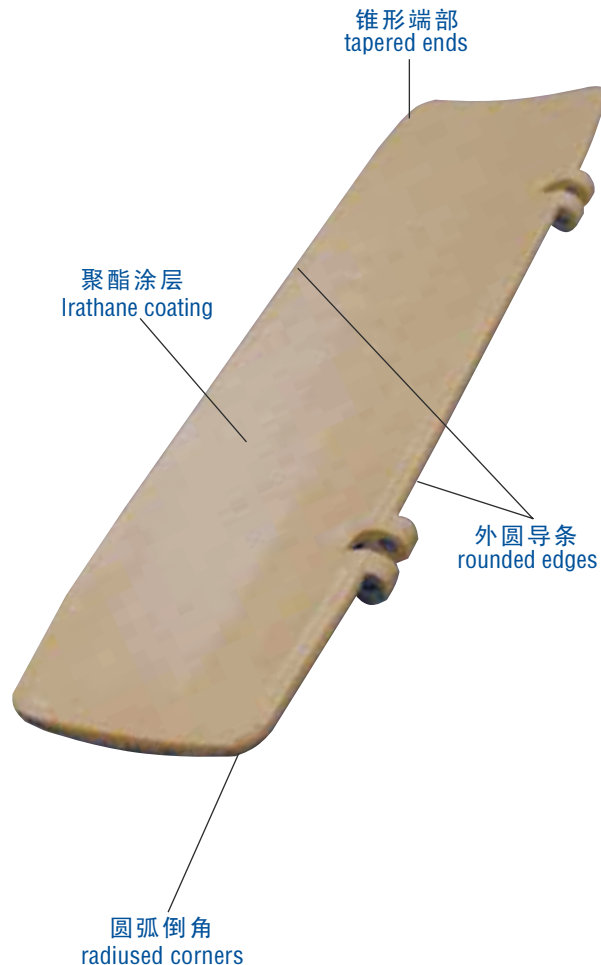
应用要点 Application notes:

■增加夹板摩擦力，减小所需夹紧力。

Improves pad friction to reduce required clamp force.

■可提供带涂层的标准夹板和特殊尺寸夹板。

Irathane is available on standard and optional pad sizes.



聚酯涂层夹板
Irathane coating

螺栓紧固式橡胶垫或聚氨酯夹板

BOLT-ON RUBBER&URETHANE

纸卷类型 Paper types:

奶盒用纸板、涂蜡纸、光滑涂布纸/画报印刷纸、牛皮纸、牛皮箱纸板、牛皮芯纸、预印纸、新闻纸、高级日历纸、无碳复写纸、塑料纸/过塑纸、石版纸/高级纸、白色印刷纸等任何需要增加摩擦力、减小所需夹紧力的纸质。

Milk carton and waxed stock, slick coated/magazine paper LWC, Kraft linerboard, Kraft medium, preprint, newsprint, supercalandered SC, carbonless, plastic/polywrapped, lithographic/fine, white printing or any paper requiring increased friction to reduce necessary clamp force.

设计特点 Design features:

■螺栓紧固，易于更换。

Bolt-on pads are easy to replace.

■可提供不同硬度的橡胶垫及聚氨酯。

Rubber and Urethane available in various durometers.

由于黑色橡胶垫比白色橡胶垫更经久耐用，所以黑色橡胶垫作为标准配置，并推荐用户使用。

Black rubber is standard and is recommended because it is more durable than white rubber.

■可提供白色橡胶垫作为可选件。

White rubber is available as option.

应用要点 Application notes:

■标准硬度为肖氏65。

Standard durometer is 65.

■橡胶垫或聚氨酯可增加摩擦力，减小所需的夹紧力。

Rubber and Urethane pads provide increased friction to allow decreased clamp force.

■硬度降低，摩擦力增加。

Friction generally increases as durometer decreases.

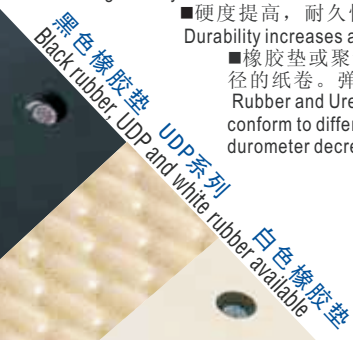
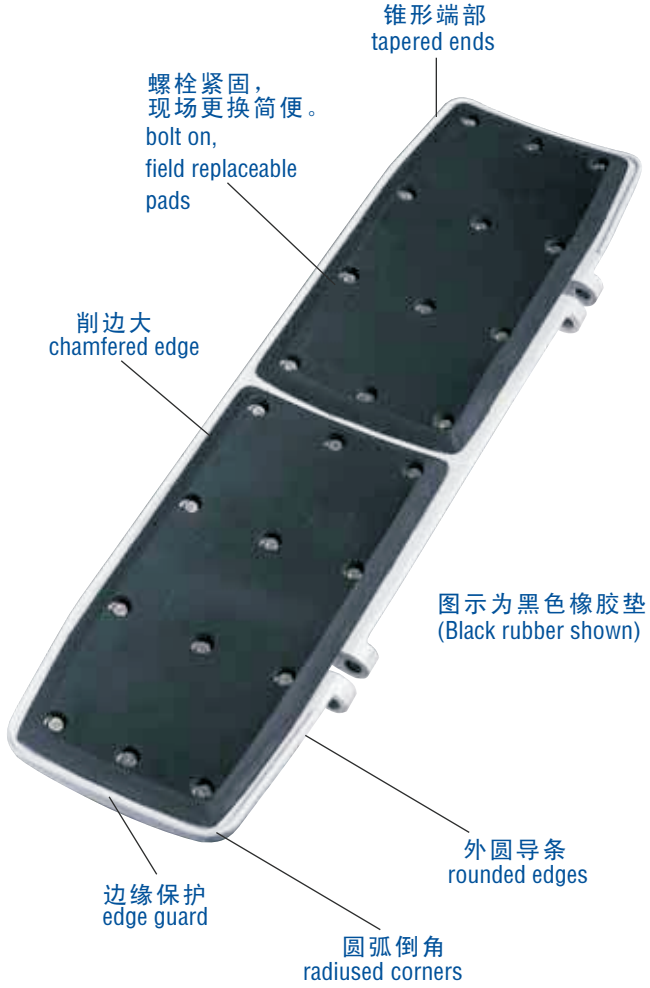
■硬度提高，耐久性增强。

Durability increases as durometer increases.

■橡胶垫或聚氨酯具有弹性，能适配各种不同半径的纸卷。弹性应随硬度的增加而降低。

Rubber and Urethane pads are resilient and able to conform to different radiuses. Resilience increases as durometer decreases.

可选件：可提供嵌入玻璃纤维的夹板，用于搬运混凝土钢管。
Options: Available with fiberglass inlay for concrete pipe handling.



铰接式夹板 HINGED

纸卷类型 Paper types:

主要用于夹持新闻纸和印刷纸品。

Designed primarily for newsprint and printing papers.

设计特性 Design features:

■铰接式夹板，适合不同直径的纸卷。

Hinged pad that conforms to various roll diameters.

应用要点 Application notes:

■适用于纸卷直径大小不一的场合。

Pad design accommodates applications where roll diameters vary from load to load.

■减小纸卷表面的应力集中。

Reduces pressure points on paper.

■减小所需的夹紧力，从而避免纸卷圆度失真。

Reduces required clamp force to help prevent out-of-roundness

■夹板易更换。

Pads are easy to replace.

■可提供黑色的螺栓紧固式橡胶垫片作为标准配置，或白色的螺栓紧固式橡胶垫片作为可选件。（黑色橡胶比白色橡胶更经久耐用。）

Available with standard black bolt-on rubber or optional white (Black rubber is more durable than white rubber.).

■仅限于滑动式夹臂类型。

Limited to sliding arm clamps.

图式为白色螺栓紧固式橡胶垫

white bolt-on rubber shown

锥形端部
tapered ends

削边大
chamfered
edge

弹性铰接
spring hinge

保护式边缘
protective edge



可调弧度夹板 FLEXIPAD

纸卷类型 Paper types:

为新闻报纸行业专业设计的夹板
Designed primarily for newsprint industry.

设计特点 Design features:

- 为不同直径的弹性纸提供宽大的接触表面。
Provides optimal full pad contact on various diameter rolls by wrapping around the roll.
- 表面为硬质菱形橡胶，软嵌条易于更换。
Diamond pattern rubber with replaceable flexi band.
- 弹性橡胶垫板，适合各种直径的纸卷。
Spring style backing on rubber conforms to roll diameter.

应用要点 Application notes:

- 可用于夹持纸卷重量高达3000Kg的场合。
Can be used on newsprint clamps up to 6,000 lbs. (3,000 kg.) capacity.
- 适用于直径为800mm~1300mm的纸卷。
Conforms to different sized rolls from 32" to 51" (800 mm-1300mm) diameter.
- 紧抱纸卷的橡胶表面可提供最佳的摩擦力。
Wrap-around rubber surface improves friction by conforming exactly to the roll diameter.
- 宽大的夹板接触表面，使纸卷单位面积所承受的压力极小。
Provides very low roll surface pressure.

菱形橡胶表面
diamond-ribbed rubber surface

弹性垫板
plate with flexible backing

铰接处
pad pivot



弹性夹板表面
Flexipad surface

软性纸的密度决定了软性纸夹板的选择

DENSITY BASED TISSUE PAD SELECTION

软性纸可分为三种，每一种需要采用不同的夹板。通过判断软性纸的密度，就不难确定夹板的选择。判断软性纸纸卷密度的原则是看软性纸和夹板的结合程度，如下图所示，内缘外凸夹板夹持低密度柔软薄纸时，柔软薄纸已经覆盖夹板周边。相反地，高密度软性纸能保持其形状，只需采用具有和纸卷相似弧度的夹板即可满足搬运要求。

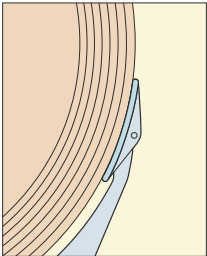
Tissue paper can be divided into three categories, each of which should use a different style pad. Choosing the correct tissue pad type can be simplified by using a technique based on the density of the paper roll. The density based solution is based on how the tissue interacts with the pad as shown in the graphic to the right. Note the tissue flowing around the pad in the case of the convex pad and soft tissue. Conversely, the dense tissue holds its shape and is best handled with a pad of similar radius to the roll.

下表概括了卡斯卡特提供的三种软性纸夹板

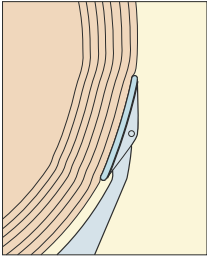
The following pages outline Cascade's three tissue pad offerings.

软纸类型 Tissue Type	典型的纸质类型 Typical Paper Types	推荐夹板 Recommended Pad
高密度Low Density	餐具用纸巾纸 Service toweling-hard surface	单弧度夹板 Single Radius
中密度 Medium Density	纸巾纸、面巾纸、卫生纸 toweling, facial, toilet	双弧面夹板 Double Diameter
低密度High Density	超软软纸（TAD 纸） Ultra Soft Tissue (TAD paper)	内缘外凸夹板 Convex

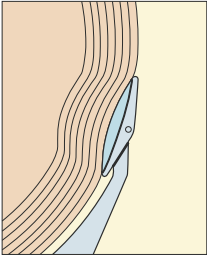
单弧度夹板 Single Radius
用于夹持高密度软性纸，如餐具用纸巾纸。
for use on high density tissue, such as service toweling



双弧度夹板 Double Diameter
用于夹持中密度软性纸，如纸巾纸。
for use on medium density tissue, such as toweling



内缘外凸夹板 Convex
用于夹持低密度软性纸，如超软薄纸（TAD纸）。
for use on low density tissue, such as ultra soft tissue (TAD paper)



单弧度软性纸夹板

TISSUE, SINGLE RADIUS

纸卷类型 Paper types:

用于夹持高密度软性纸，如工业用纸巾纸。
Dense tissue such as Industrial toweling.

设计特点 Design features:

- 采用卡斯卡特铸造表面，提供了极佳的摩擦力。
Cascade Cast surface provides excellent friction surface.
- 大转角半径防止刮损软纸。
Large corner radius prevents cutting of tissue.
- 大接触面积降低纸卷变形的可能性。
Large surface area to minimize roll deformation.
- 周边圆条焊接，防止撕裂纸卷。
Round bar around perimeter prevents tearing.

应用要点 Application notes:

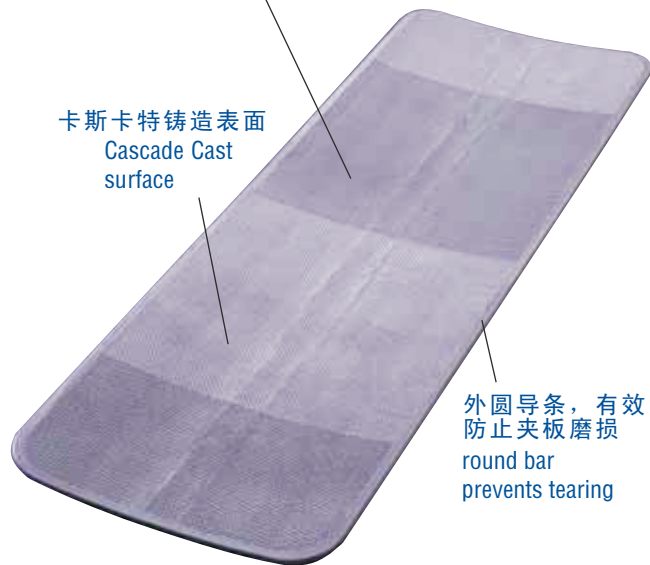
- 夹板尺寸小于内缘外凸夹板，大于标准夹板。
Pad size is generally smaller than convex but larger than standard pads.
 - 通常情况下，夹板高度应为纸卷高度的70%。
As a general rule, pad length should be 70% of roll height.
 - 不推荐使用用于夹持中密度软性纸或柔软薄纸。
Not recommended for medium or soft tissues.
 - 可适用夹持高度小的纸卷。
Can be used in applications where narrow width rolls are handled.
- 注意：选择正确的软性纸夹板类型取决于所夹持的软性纸卷的密度，请联系卡斯卡特，我们将为您做出正确的分析判断，并选择最佳的软性纸夹板类型。
Note: Choosing the correct tissue pad depends on the density of the tissue roll. Consult Cascade for this analysis when choosing a tissue pad.

凹形表面，匹配最大纸卷直径
concave surface to match
maximum roll diameter

卡斯卡特铸造表面
Cascade Cast
surface

外圆导条，有效
防止夹板磨损
round bar
prevents tearing

圆弧倒角大
large radiused corners



卡斯卡特铸造表面
Cascade Cast surface

双弧度软性纸夹板

TISSUE, DOUBLE RADIUS

纸卷类型 Paper types:

用于夹持中密度软性纸，如普通面巾纸和纸巾纸级别。

Medium density tissue such as common facial and toweling grades.

设计特点 Design features:

■采用卡斯卡特铸造表面，提供了极佳的摩擦力。

Spray Metal or Cascade Cast surface provides excellent surface friction.

■专业的锥度设计，减小了夹板端部对软性纸的刮损。

Flared end reduces cutting of tissue at pad ends.

■夹板表面无纹理。

Available without surface texture.

■周边焊接圆条，可防止纸卷撕裂。

Round bar around perimeter prevents tearing.

应用要点 Application notes:

■长、宽比标准夹板大。

Pad length and width greater than standard pad.

■通常情况下，夹板高度应为纸卷高度的70%。

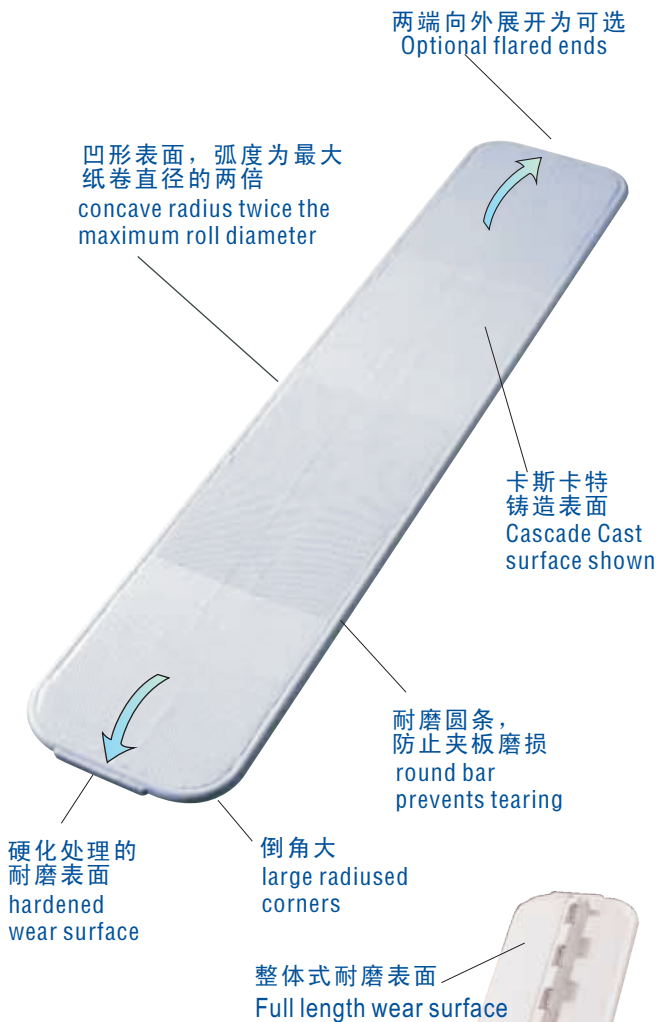
As a general rule, pad length should be 70% of roll height.

■两端向外展开的夹板，不推荐使用用于夹持高度小于 500mm 的纸卷。

Flared end not recommended for narrow rolls less than 20" wide.

注意：选择正确的软性纸夹板类型取决于所夹持的软性纸卷的密度，请联系卡斯卡特，我们将为您做出正确的分析判断，并选择最佳的软性纸夹板类型。

Note: Choosing the correct tissue pad depends on the density of the tissue roll. Consult Cascade for this analysis when choosing a tissue pad.



卡斯卡特铸造表面
Cascade Cast surface



内缘外凸夹板 TISSUE, CONVEX

纸卷类型 Paper types:

适用于夹持低密度柔软薄纸，如面巾纸、卫生纸、软纸巾纸。
Low-density, soft tissue such as facial, toilet tissue and soft toweling.

设计特点 Design features:

■夹板表面呈凸形，周边焊接圆条，即使纸卷不对称，也能圆滑校正，有效防止纸卷表面撕裂。

Convex surface with round bar perimeter provides a smooth transition during roll deflection to prevent tearing.

■夹板两端向外展开，防止刮损软性纸表面。

Flared ends prevent cutting of tissue.

■可提供两端不向外展开的夹板，以便夹持高度小的纸卷。

Available without flared ends to allow handling of narrow rolls.

■硬化处理的耐磨表面可防止夹板两端与地面接触时的磨损。

Hardened wear surface prevents pad wear caused by floor contact.

应用要点 Application notes:

■夹板表面相对较大，以便提供更大的夹持面积，减小纸卷表面单位面积所承受的压力。

Relatively large pad to distribute clamping force over larger area of roll.

■通常情况下，夹板高度应为整个纸卷高度的70%。

As a general rule, the length of the pad should be equal to 70% of the height of a full parent roll.

■夹板的宽度应与纸卷的软性成比例。

The width should be proportional to paper's softness.

■端部喇叭口状的夹板不推荐用于夹持矮纸卷（高度小于635mm的纸卷）。矮纸卷推荐使用两端无喇叭口状的标准型内缘外凸夹板。

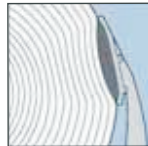
Flared end is not suggested for narrow rolls (less than 25" wide). Use standard convex tissue pad without end flare for narrow rolls.

■凸面夹板不适合夹持硬性材料的纸卷。

Do not use convex pad on hard stock.

内缘外凸，逐渐变平，两端向外展开
convex surface gradually flattens
and flares at end

圆条过渡
round bar
transition



内缘外凸表面设计，
有效防止纸卷撕裂。
convex design
prevents tearing

两端有硬化耐磨块
hardened wear surface
on ends

端面视图
End View



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