

DURASTICK

Plastic Cutting Sticks



Ever advancing cutting technology demands the highest performance from precision engineered cutting sticks to achieve the quality required by today's print finishers.

The DURASTICK range of Cutting Sticks, manufactured in England, has been developed to give optimum durability and performance in this paper converting application.

APPLICATION

- DURASTICK Cutting Sticks are manufactured for use on all paper cutters and three knife trimmers.
- The DURASTICK Cutting Stick is fitted into the slot in the cutting table of the guillotine. The knife penetrates this strip at the end of its downstroke which results in a clean, precise cut from the first to the last sheet of paper.

RANGE

- DURASTICK Cutting Sticks are produced for all machine types and makes. The Cutting Stick range extends to the very latest models and includes all paper cutters and three knife trimmers manufactured worldwide.
- Original equipment manufacturer specifications are used for the production of nearly all Cutting Sticks and a comprehensive size list is available detailing the make of the machine, model, size of Cutting Stick and original part or drawing number where applicable.
- DURASTICK Cutting Sticks are available in a range of materials which take into consideration the following:
 1. the compatibility of the material to the quality of the knife
 2. the durability expectation during the cutting process
 3. the versatility to suit more than one knife quality
 4. the consideration of environmental issues and plastic recycling regulations
 5. the economic advantage of using the Plastic Cutting Stick against using more traditional materials such as wood, xylonite or compressed paper



QUALITY

- DURASTICK Cutting Sticks are produced 100% from prime material components in modern production facilities.
- Virgin plastic resins are formulated into compounds specially suited to the Cutting Stick application.
- The plastic profiles are engineered under climatically controlled conditions which result in a constant product quality.
- Thermal instability of plastics is taken into account under a stringent quality control system.
- Tolerances of $\pm 0.01\text{mm}$ or $\pm 0.0004"$ are achieved on the size specification and length to 0.05% per linear metre within these controlled conditions.
- Special requirements such as additional bevel or radius corners, holes, counter-sinking and slots can be engineered to suit individual specifications.

AVAILABILITY

- Advanced and flexible production techniques mean that special sizes and materials can be made to order in low quantity, with minimum lead times and at competitive prices.
- Plastic cutting pads, boards and discs are also manufactured for round cornering or punching machines, rise and fall die-cutting applications and paper drilling machines
- Branding of all Cutting Sticks such as with the company name, logo, telephone numbers or product identification, for marketing purposes is available by direct printing onto the product within the manufacturing process.

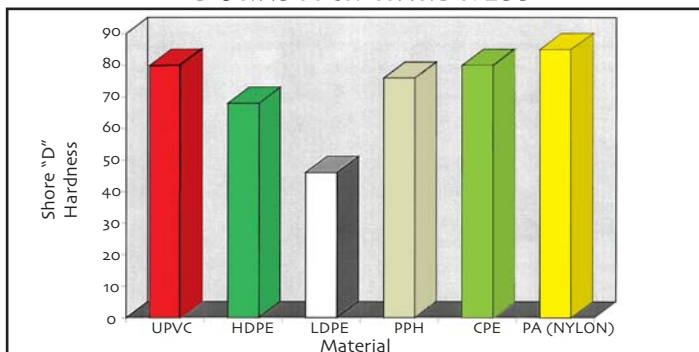
MATERIAL SPECIFICATIONS

| Quality | Material | Hardness Shore "D" | Knife Type | Application |
|---------------|------------|--------------------|---|---------------------------------|
| Original | uPVC | 80-82 | Standard steel inlay & induction hardened knife qualities | Cutters & trimmers |
| Economy Rigid | HDPE | 67-68 | All knife qualities except TCT | Cutters only |
| Economy-Flexi | LDPE | 41-46 | All knife qualities except TCT | Cutters only - square type only |
| Universal | PPH | 74-76 | All knife qualities including HSS & TCT | Cutters & trimmers |
| Environmental | CPE | 78-80 | All knife qualities except TCT | Cutters only |
| Premium | PA (Nylon) | 82-85 | HSS and TCT qualities | HSS & TCT trimmers |
| Ecostick | PPH/HDPE | 70-72 | All knife qualities | Cutters only |

MATERIAL COLOURS

| Material | Standard Colour | Material Colours |
|------------|-----------------|------------------------------------|
| uPVC | Red | Pink |
| HDPE | Natural | Blue/Green/Pink/Red/Yellow |
| LDPE | Natural only | |
| PPH | Grey | Blue/Green/Natural/Pink/Red/Yellow |
| CPE | White | Olive Green |
| PA (Nylon) | White/Yellow | Black/Green/Red |
| PPH/HDPE | Burgundy | Dark Blue |

DURASTICK HARDNESS



DURASTICK KUNSTSTOFF SCHNEIDLEISTEN

Die in England hergestellte "DURASTICK" Schneidleistenreihe wurde entwickelt, um eine optimale Vereinbarkeit der Leisten mit einem grossen Sortiment an Schneidmesserqualitaeten unter Beibehaltung einer hoechstmoeglichen Leistung und Lebensdauer zu gewaehrleisten.

Die DURASTICK Schneidleiste wird in das Bett des Schneidetisches eingelegt - das Papiermesser dringt waehrend des Schneidvorganges in die Oberflaeche der Leiste ein, was einen sauberen und praezisen Schnitt vom ersten bis zum letzten Blatt Papier zur Folge hat.

DURASTICK Schneidleisten werden zu 100% aus Rohstoffkomponenten in modernen Produktionsstaetten hergestellt.

Rohe Plastikharze werden in Komponenten speziell fuer die Schneidleistenanwendung umgewandelt.

Die Plastikprofile werden unter klimatisch kontrollierten Bedingungen erstellt, so dass eine gleichbleibende Qualitaet garantiert ist.

Die thermale Instabilitaet des Kunststoffmaterials wird in einem rigorosen Qualitaetskontrollsystem mit einberechnet. In diesen kontrollierten Bedingungen werden Toleranzen von $\pm 0.01\text{mm}$ oder $\pm 0.0004"$ pro Abschnitt und 0.05% pro linearem Meter erreicht.

DURASTICK LISTONES DE CORTE

La gama DURASTICK de listones, fabricados en Inglaterra y desarrollados para ofrecer una compatibilidad óptima para una amplia gama de calidades de cuchilla.

Son fabricados para todas las cortadoras de papel y cortadoras trilaterales

Listones de Corte DURASTICK se colocan en la ranura de la mesa de cortar de la guillotina y la cuchilla penetra por el listón al final del proceso de descenso, que resulta en un corte preciso y claro desde la primera hasta la última hoja de papel.

Los Listones de Corte DURASTICK son fabricados 100% desde componentes materiales primarios en instalaciones de producción modernas

Las resinas plásticas vírgenes se formulan en compuestos especialmente adaptados a las aplicaciones de Listones de Corte. Los perfiles plásticos son fabricados bajo condiciones controladas climáticamente que resultan en una calidad constante de producto. Se toma en cuenta la inestabilidad termal de plásticos bajo un sistema estricto de control de calidad.

Se logran tolerancias de $\pm 0.01\text{mm}$ o $\pm 0.0004"$ sobre los tamaños de Listón y de 0.05% por metro lineal sobre los largos dentro de estas condiciones controladas

DURASTICK REGLETTES DE MASSICOTS

La gamme de réglettes de massicots "DURASTICK", fabriquée en Angleterre, a été développée pour assurer une performance et durabilité optimale de tous les types et qualités de couteaux et pour utilisation avec tous couteaux pour papier et tri-latéraux.

La réglette plastique de massicot DURASTICK s'emboîte dans la rainure sur la plaque de coupe du massicot. Le couteau tombe dans cette réglette, ce qui apporte une coupe nette et précise de la première à la dernière feuille de papier.

Les réglettes sont fabriquées à 100% à partir de constituants de matériaux de haute qualité avec des moyens de fabrication très modernes.

Les résines de plastique vierge sont formulées à l'aide de composés convenant expressément à l'usage de la réglette de massicot. Les profils plastiques sont machinés sous des conditions climatiques contrôllées qui apportent une qualité de produit conséquente.

Un système de contrôle de qualité strict tient compte de l'instabilité thermique du plastique. Des tolérances de $\pm 0.01\text{mm}$ ou $\pm 0.0004"$ sont respectées sur les spécifications de dimensions et de longueur à 0,05% par mètre linéaire dans ces conditions contrôllées.