S.C. DUAK DRUMS S.R.L.
PRODUCT CATALOGUE
2026 EDITION



PRODUCT CATALOGUE

DRUMS · CONDUCTORS · TOOLING · MATERIALS

Str. Principală no. 384, Curtisoara, Olt 237115, Romania

DUAKDRUMS.COM

EVERYTHING FOR THE CABLE LINE.

Seven product families and 64 standard items for cable makers — drums and reels, conductors, tooling, consumables, tapes, filtration and welding accessories. Every item can be quoted to your drawing, and every drum is built in Curtișoara and documented per batch.

64	7	262–3600	2001
STANDARD PRODUCTS	PRODUCT FAMILIES	MM · DIAMETER RANGE	ESTABLISHED

WHAT THIS CATALOGUE COVERS

01	Cable Drums & Reels (7 products)	4
02	Conductors & Wire (4 products)	12
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07	Welding & Line Accessories (4 products)	70

HOW TO USE THIS CATALOGUE

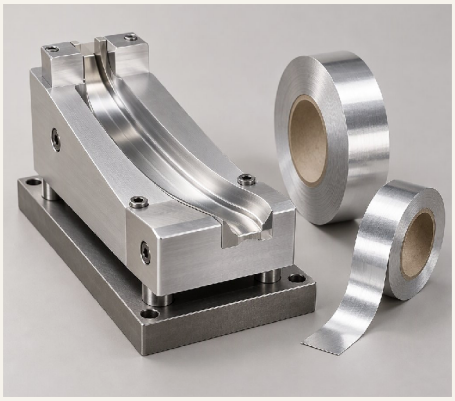
Each entry carries a photograph, full description, technical table and typical applications. Every dimension and option can be quoted to your drawing — write to info@duakdrums.com.

DIN EN ISO 14001 · FSC-certified timber

BUILT IN CURȚIȘOARA. SHIPPED ACROSS EUROPE.







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64 products · **7** product families

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Ø262 – Ø3600 mm · 7 products

02 **CONDUCTORS & WIRE** — 12
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03 **TOOLING & LINE EQUIPMENT** — 17
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05 **TAPES, FOILS & FILMS** — 46
Al · Cu · PVC · PET · PP · mica · paper · 21 products

06 **MESH & FILTRATION** — 68
Flamed / non-flamed mesh · 1 product

07 **WELDING & LINE ACCESSORIES** — 70
3" – 16" · sleeves · brushes · tubes · 4 products

DRUMS

New drums Ø262–Ø3600 mm in hardwood, plywood, steel, cardboard and ABS — assembled or knocked down, treated and marked to order.

MATERIALS

CCA, CCS and alloy conductors, PCD and carbide dies, ceramic guides, tapes, foils, filtration and welding accessories — 64 standard items.

CONTACT

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01

PRODUCT FAMILY 01 / 07

CABLE DRUMS & REELS

Ø262 – Ø3600 MM · 7 PRODUCTS

Wooden, plywood, steel, cardboard and ABS drums for power, telecom and special cables — built in our own yard.

Our core business since 2001. We manufacture new drums and reels from Ø262 mm up to Ø3600 mm, in hardwood, plywood, steel, cardboard and ABS, for cables that travel by road, sea and air. Every drum can be supplied assembled or knocked down, treated for export and marked to your specification.

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CUSTOM DIMENSIONS? REQUEST A QUOTE.

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01.01

CABLE DRUMS & REELS / 01.01 / PRODUCT CATALOGUE

WOODEN CABLE DRUMS

The workhorse drum — hardwood, nailed and built to travel.

Our wooden drums are the backbone of the range: seasoned hardwood flanges, solid battens and a nailed or bolted core, assembled in Curtișoara and shipped across Europe. They are built to survive loading, sea freight and repeated handling without losing concentricity.

Standard diameters run from Ø400 mm to Ø3600 mm, with barrel sizes, bore diameters and cable-entry details matched to the cable and the customer's take-up equipment. Export treatment, heat treatment and customer marking are available on request.

APPLICATIONS

- Power cable
- Telecom cable
- Export shipments
- Reusable drum pools

TECHNICAL DATA

DIAMETER RANGE	Ø400 – Ø3600 mm
CONSTRUCTION	Hardwood flanges, battens, nailed or bolted
FINISH	Planed, sanded, optional preservative treatment
OPTIONS	Export / ISPM-15 treatment, customer marking, cable entry
USE	Power, telecom, control and special cables



01.02

CABLE DRUMS & REELS / 01.02 / PRODUCT CATALOGUE

PLYWOOD CABLE REELS

Clean, flat and stable — the reels cable makers ask for by name.

Plywood reels give you flanges that stay flat: no knots, no warping, no splinters in the payoff. They are the standard choice for instrumentation, data and fine-diameter cable where a smooth, clean flange protects the outer sheath.

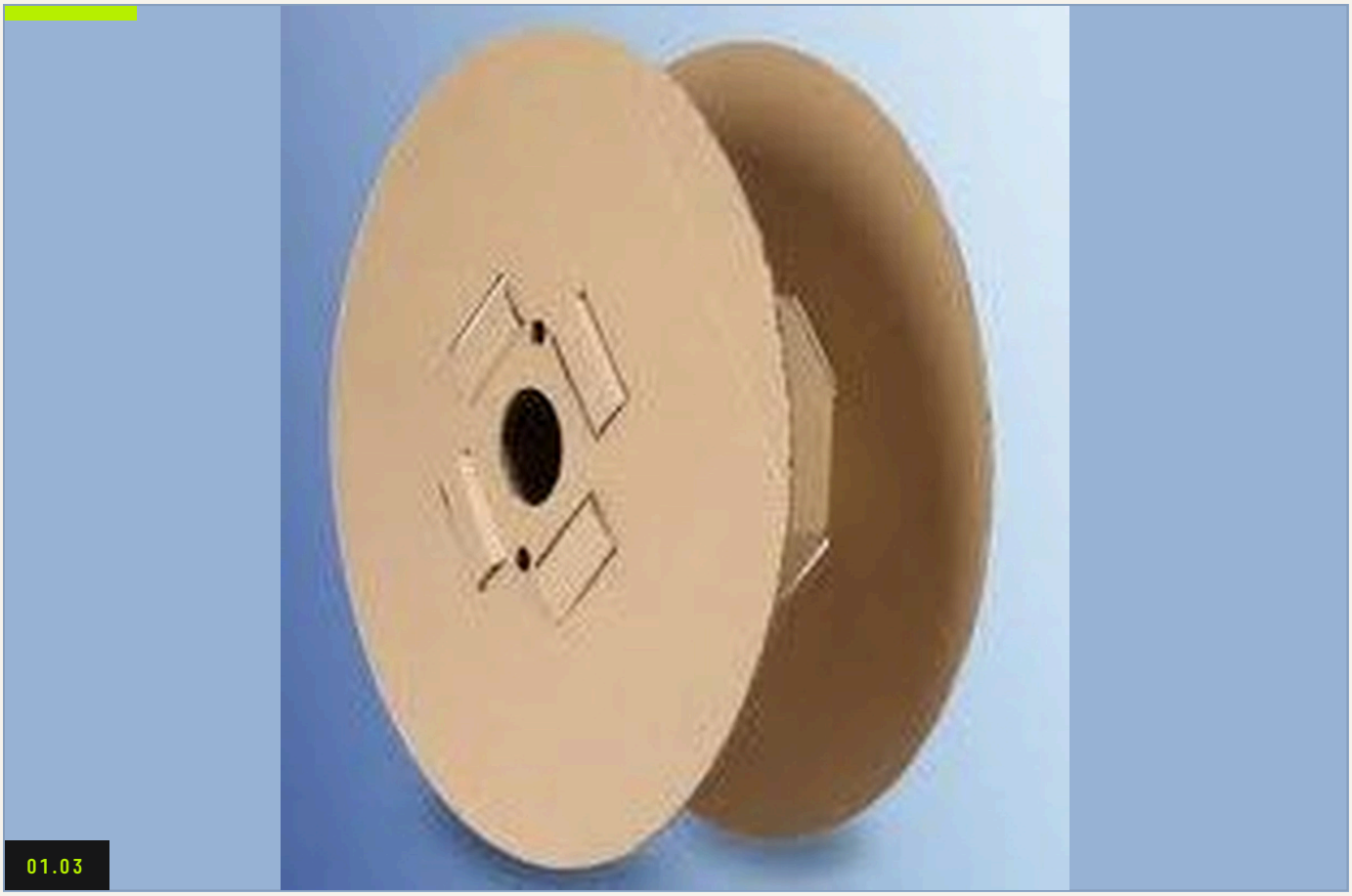
Flanges are cut from exterior-grade plywood and assembled with hardwood or plywood barrels. Sizes and drum weights are made to the customer's drawing, with nailed, screwed or knock-down construction.

APPLICATIONS

- Instrumentation cable
- Data cable
- Air freight export
- Fine wire spooling

TECHNICAL DATA

FLANGE	Exterior-grade plywood
CONSTRUCTION	Assembled or knock-down
DIAMETER	Made to drawing, Ø250 mm and up
OPTIONS	Customer marking, cable entry, export treatment
USE	Instrumentation, data, fine wire



CABLE DRUMS & REELS / 01.03 / PRODUCT CATALOGUE

CARDBOARD REELS & SPOOLS

Light, recyclable packaging for wire, tube and small cable.

Cardboard reels are the economical, recyclable option for smaller lengths: wire, hose, tube and light cable. They are light enough to handle by hand and stack neatly in a warehouse.

We supply standard sizes from stock patterns and custom diameters, widths and core sizes on request, printed or labelled to your brand.

APPLICATIONS

- Building wire
- Hose & tube
- Retail packs
- Light cable

TECHNICAL DATA

MATERIAL	Recyclable cardboard / kraft board
DIAMETER	Standard patterns and custom sizes
OPTIONS	Printing, labelling, custom core
USE	Wire, tube, hose, small cable



CABLE DRUMS & REELS / 01.04 / PRODUCT CATALOGUE

PROCESS DRUMS

Steel drums for the line — static or dynamic loading.

Process drums are the steel drums that live inside the cable plant: they carry the cable through stranders, extrusion lines and drum twisters. We build them for two duty classes — static loading for stranding and extrusion, and dynamic loading for drum twisters where the drum itself turns under load.

Flanges, barrel, bore and drive details are made to the customer's take-up equipment, with reinforced construction where the drum is handled repeatedly. Painting and marking follow the line's requirements.

APPLICATIONS

- Stranding lines
- Extrusion lines
- Drum twisters
- In-plant logistics

TECHNICAL DATA

DUTY	Static and dynamic loading
USE	Stranding, extrusion, drum twisters
CONSTRUCTION	Welded steel, reinforced flanges
FINISH	Primed / painted, colour on request
FIT	Made to take-up equipment



CABLE DRUMS & REELS / 01.05 / PRODUCT CATALOGUE

SHIPPING DRUMS

Compact steel drums for 100 to 500 metres of cable.

Shipping drums are the compact steel drums used to deliver finished cable: cheek thickness from 5 to 12 mm, diameters from 262 to 588 mm, with an aluminium core or reel depending on the take-up.

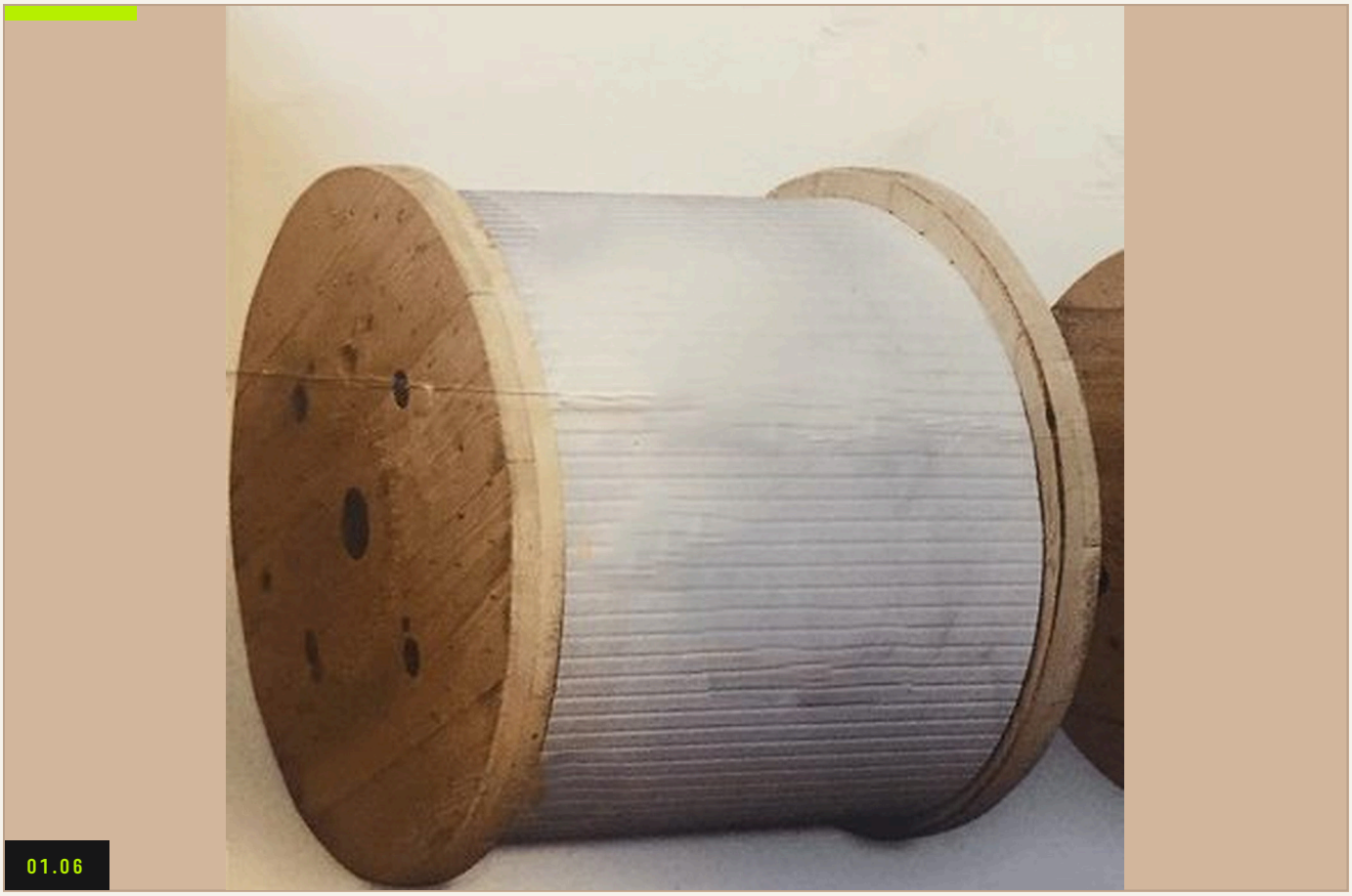
They are wound with 100 to 500 metres of cable and built to protect the cable in transit and on site. Dimensions and core type are matched to the cable and the customer's winding equipment.

APPLICATIONS

- Cable delivery
- Site logistics
- Export shipments
- Short lengths

TECHNICAL DATA

CHEEK THICKNESS	5 – 12 mm
DIAMETER	262 – 588 mm
CORE	Aluminium core or reel
CABLE LENGTH	100 – 500 m
USE	Finished cable delivery



CABLE DRUMS & REELS / 01.06 / PRODUCT CATALOGUE

DUAK FLEX — COLLAPSIBLE REEL

A drum that travels flat and assembles on site.

Duak Flex is our answer to freight cost: a reusable reel that ships knocked down, flat, and is assembled at the cable plant or on site. You move air instead of drum volume.

The system is designed for fast assembly without special tools, with interchangeable components and a flange/barrel range that covers common cable sizes.

APPLICATIONS

- Export logistics
- Remote installations
- Temporary storage
- Reusable fleets

TECHNICAL DATA

TYPE	Collapsible / knock-down reel
ASSEMBLY	Tool-light, fast on site
FREIGHT	Ships flat to cut transport volume
OPTIONS	Custom flange and barrel sizes
USE	Export, temporary installations, remote sites



01.07

CABLE DRUMS & REELS / 01.07 / PRODUCT CATALOGUE

ABS PLASTIC SPOOLS

Precision moulded spools for fine wire and technical yarn.

ABS spools are moulded to tight tolerances so that payoff is smooth at high speed. They are the right choice for fine wire, resistance wire, optical fibre and technical yarn where a wooden or cardboard flange would introduce run-out.

The standard range follows DIN 500, 630, 800 and 1000, with custom dimensions, drive holes and barrel profiles available. Spools can be reused or reground at end of life.

APPLICATIONS

- Fine wire
- Resistance wire
- Optical fibre
- Technical yarn

TECHNICAL DATA

MATERIAL	ABS, moulded
STANDARD SIZES	DIN 500 / 630 / 800 / 1000
FLANGE Ø	500 – 1000 mm
BARREL Ø	250 – 507.5 mm
BORE Ø	56 – 80 mm
OPTIONS	Drive holes, custom barrel, colours



02

PRODUCT FAMILY 02 / 07

CONDUCTORS & WIRE

CCA · CCS · ALLOY · NICKEL · 4 PRODUCTS

Clad wires, nickel products and conductor materials for cable and sensor manufacturing.

Copper-clad aluminium and copper-clad steel wires, aluminium alloy wire and high-purity nickel tubes and bands. These are the raw materials that go inside the cable — supplied in spools, coils or cut lengths, with mill certificates on request.

PRODUCT INDEX

4 PRODUCTS

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CUSTOM DIMENSIONS? REQUEST A QUOTE.

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02.01

CONDUCTORS & WIRE / 02.01 / PRODUCT CATALOGUE

ALUMINIUM ALLOY WIRE

Conductor and screen wire with consistent tensile and conductivity.

Aluminium alloy wire for conductors, screens and armouring, supplied in spools and coils with controlled tensile strength and conductivity. The alloy grade is selected to match the customer's stranding and bending requirements.

Each lot is accompanied by mill certificates. Diameters and spool weights are made to order.

APPLICATIONS

- Power conductors
- Screens
- Armouring
- Stranding

TECHNICAL DATA

FORM	Wire, spools / coils
USE	Conductors, screens, armouring
QUALITY	Mill certificates per lot
SIZES	Made to order



02.02

CONDUCTORS & WIRE / 02.02 / PRODUCT CATALOGUE

CCA WIRE — COPPER-CLAD ALUMINIUM

Copper skin, aluminium core: lighter conductors at lower cost.

CCA wire combines a copper skin with an aluminium core, giving you a conductor that is lighter and more economical than solid copper while keeping solderability and conductivity at the surface.

Typical applications are coaxial cable, data cable, screening braids and lightweight power conductors. Copper cladding thickness is specified per application.

APPLICATIONS

- Coaxial cable
- Data cable
- Screening braids
- Lightweight conductors

TECHNICAL DATA

CONSTRUCTION	Copper-clad aluminium
FORM	Spools / coils
USE	Coax, data cable, braids, light power
OPTIONS	Cladding ratio to specification



CONDUCTORS & WIRE / 02.03 / PRODUCT CATALOGUE

CCS WIRE — COPPER-CLAD STEEL

Steel strength with a copper surface for high-tension and drop wire.

CCS wire puts a copper surface on a high-strength steel core. It is used where the conductor has to carry its own weight: drop wire, messenger wire, catenary and high-tension applications.

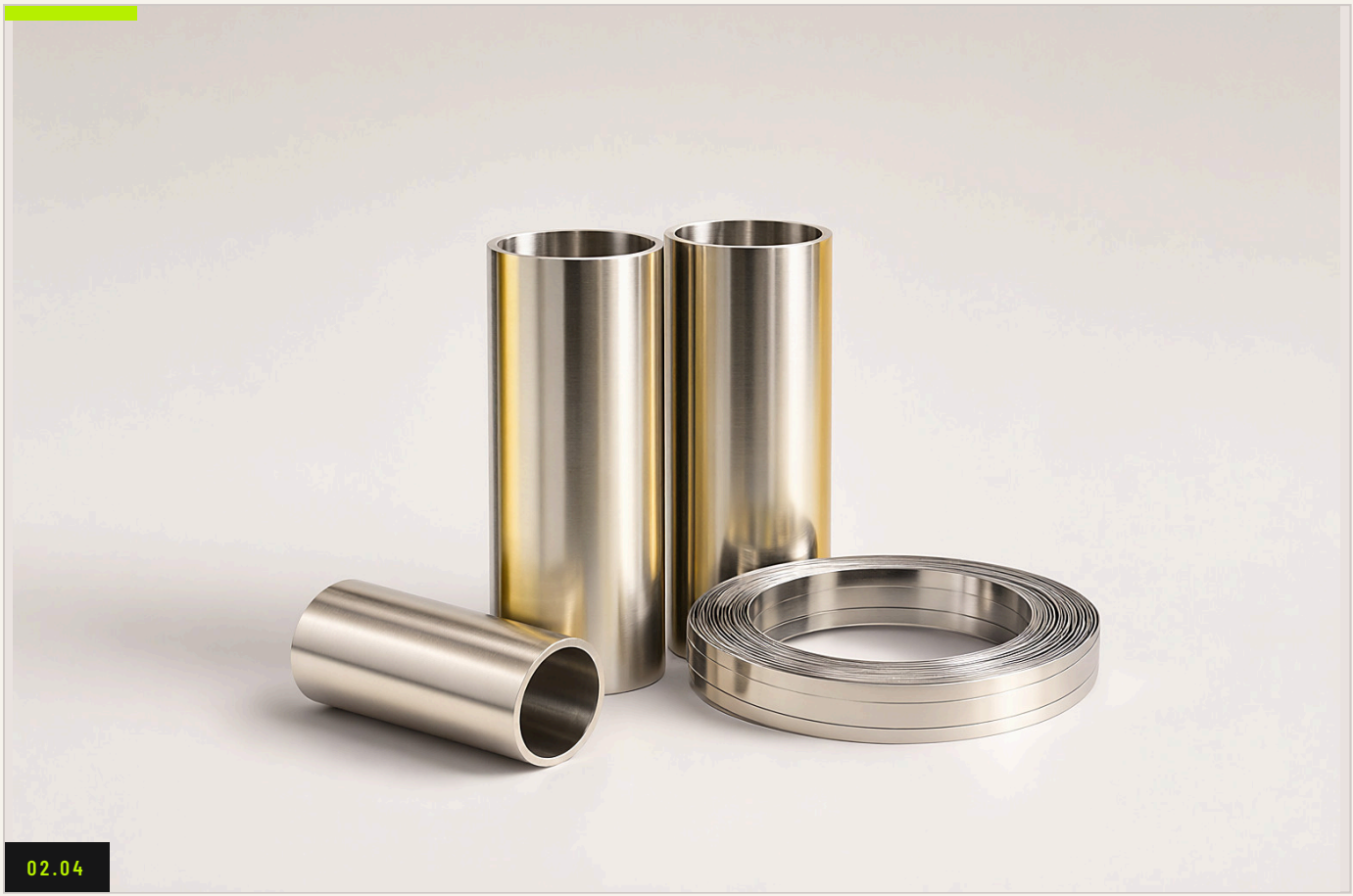
We supply spooled wire with controlled cladding thickness and tensile properties, with certificates on request.

APPLICATIONS

- Drop wire
- Messenger wire
- Catenary
- High-tension lines

TECHNICAL DATA

CONSTRUCTION	Copper-clad steel
FORM	Spools / coils
USE	Drop wire, messenger, catenary
QUALITY	Certificates on request



02.04

CONDUCTORS & WIRE / 02.04 / PRODUCT CATALOGUE

NICKEL TUBES & NICKEL BANDS

High-purity nickel for conductors, sensors and resistance elements.

Nickel tubes and bands are supplied for applications where corrosion resistance and stable electrical behaviour matter: conductor cores, sensor sheaths, resistance elements and battery tabs.

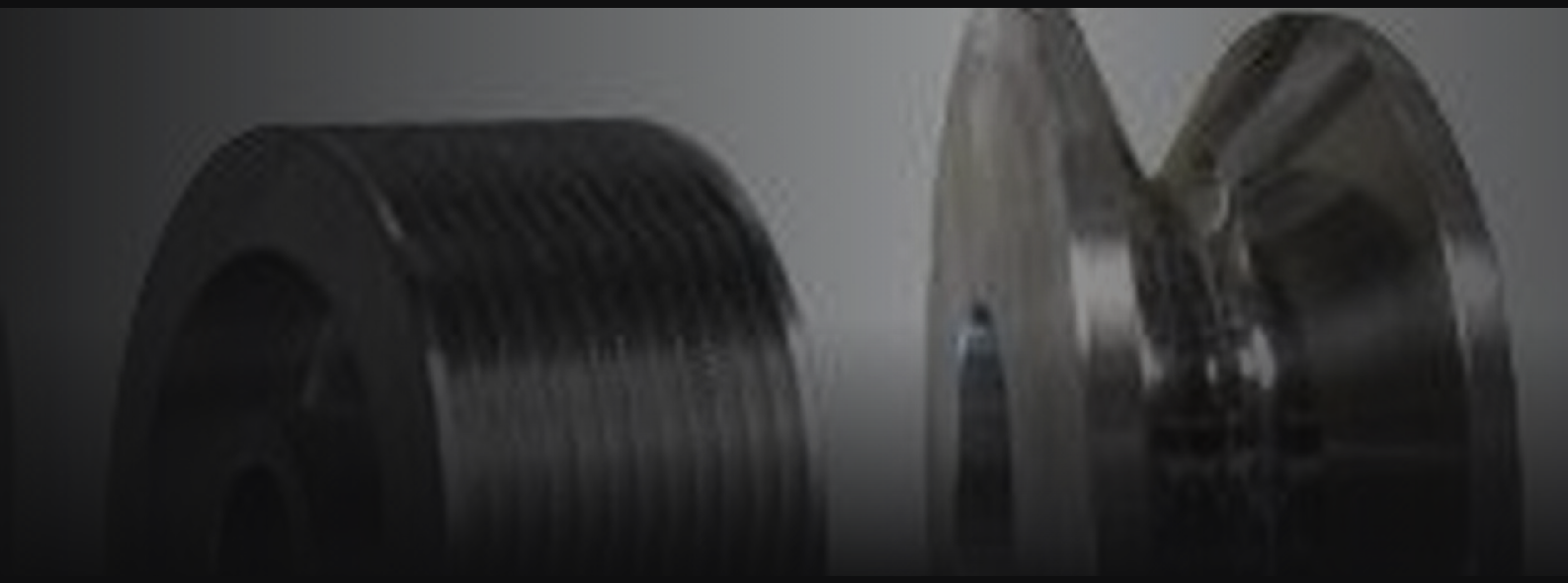
Dimensions, temper and surface finish are made to drawing, with material certificates for each batch.

APPLICATIONS

- Sensors
- Resistance elements
- Battery tabs
- Special conductors

TECHNICAL DATA

FORM	Tubes, bands / strip
MATERIAL	High-purity nickel
USE	Conductor cores, sensors, resistance
OPTIONS	Dimensions and temper to drawing



PRODUCT FAMILY 03 / 07

03 TOOLING & LINE EQUIPMENT

CROSSHEADS · DIES · 13 GUIDE TYPES · BELTS · 17 PRODUCTS

Crossheads, drawing dies, thirteen lines of ceramic guides, pulleys and caterpillar belts for extrusion lines.

The parts that touch the cable while it is being made. We supply extrusion crossheads, PCD drawing dies, ceramic brake, eyelet, hook, rolling, slipper, trap, tube and U guides, guide rollers and Energy Grip caterpillar belts — matched to your line, your conductor and your insulation compound.

PRODUCT INDEX

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CUSTOM DIMENSIONS? REQUEST A QUOTE.

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TOOLING & LINE EQUIPMENT / 03.01 / PRODUCT CATALOGUE

CROSSHEADS & EXTRUSION TOOLS

The heart of the extrusion line, made to your cable construction.

Crossheads and tooling sets for insulation, sheathing and co-extrusion lines. Each set is matched to the conductor, the compound and the line speed, with flow channels that keep concentricity stable at production rates.

We supply complete heads and replacement tooling — tips, dies, distributors — to drawing, for most common extrusion platforms.

APPLICATIONS

- Insulation lines
- Sheathing lines
- Co-extrusion
- Retrofits

TECHNICAL DATA

TYPE	Insulation, sheathing, co-extrusion
SCOPE	Complete heads and replacement tooling
MATERIAL	Tool steel, hardened and ground
FIT	Made to machine and cable drawing



TOOLING & LINE EQUIPMENT / 03.02 / PRODUCT CATALOGUE

DRAWING DIES & TOOLS

PCD and carbide dies that hold diameter over the long run.

Drawing dies are where wire quality is decided. We supply PCD and carbide dies for copper, aluminium and alloy wire, with profiles matched to the reduction schedule and the surface finish you need.

Dies are supplied in standard casings or to the customer's drawing, with re-polishing and refurbishment support for dies already in service.

APPLICATIONS

- Copper wire
- Aluminium wire
- Alloy wire
- Fine drawing

TECHNICAL DATA

TYPES	PCD, carbide
PROFILE	Matched to reduction schedule
CASING	Standard or to customer drawing
SERVICE	Re-polishing and refurbishment



TOOLING & LINE EQUIPMENT / 03.03 / PRODUCT CATALOGUE

PULLEYS & GUIDE ROLLERS

Low-friction guidance that protects the cable surface.

Guide rollers and pulleys keep the cable on track without marking it. We supply single and multi-groove rollers, sheaves and dancer pulleys with surfaces chosen for the application — from polished steel to coated, cable-safe finishes.

Sizes, bearings and mounting styles are matched to your line layout.

APPLICATIONS

- Pay-off / take-up
- Dancers
- Accumulators
- Caterpillar infeed

TECHNICAL DATA

TYPES	Guide rollers, sheaves, dancer pulleys
SURFACE	Polished, coated or cable-safe finish
BEARINGS	Standard or sealed, per application
MOUNTING	Made to line layout



TOOLING & LINE EQUIPMENT / 03.04 / PRODUCT CATALOGUE

ENERGY GRIP CATERPILLAR BELTS

Positive grip for haul-off, without crushing the cable.

Energy Grip belts are the contact surface of a caterpillar haul-off: they have to grip firmly enough to pull the cable and gently enough not to deform it. The belt compound and profile are chosen for the cable type and the line speed.

We supply belts to fit common caterpillar units, cut and joined to the required length.

APPLICATIONS

- Extrusion haul-off
- CV lines
- Sheathing
- Cable pulling

TECHNICAL DATA

TYPE	Caterpillar haul-off belt
COMPOUND	High-grip rubber, cable-safe
LENGTH	Cut and joined to machine
USE	Extrusion, CV, sheathing lines



TOOLING & LINE EQUIPMENT / 03.05 / PRODUCT CATALOGUE

BRAKE GUIDES

Ceramic braking contact for wire under tension.

Brake guides are the contact point where wire is slowed under tension. The ceramic insert takes the wear and keeps the wire surface clean, while the metal body carries the load and mounts to the machine.

Supplied to the dimensions in the drawing, with the ceramic grade selected for the wire and the line speed.

APPLICATIONS

- Wire drawing
- Pay-off lines
- Tension control
- Rewinding

TECHNICAL DATA

INSERT	Technical ceramic
BODY	Steel, zinc-plated
FIT	Made to machine mounting
USE	Pay-off, drawing, tension control



TOOLING & LINE EQUIPMENT / 03.06 / PRODUCT CATALOGUE

EYELET GUIDES

The classic ceramic eyelet, polished so it never marks the wire.

Ceramic eyelets guide wire, strand and yarn through the machine without marking it. The bore is polished to a low-friction surface, so the wire runs clean even at speed.

Standard eyelets and pigtails are available from stock sizes, with custom bore, flange and mounting made to the drawing.

APPLICATIONS

- Wire drawing
- Bunching
- Stranding
- Extrusion

TECHNICAL DATA

MATERIAL	Aluminium oxide ceramic
BORE	Polished, made to drawing
MOUNTING	Eyelet / pigtail forms
USE	Drawing, bunching, stranding



TOOLING & LINE EQUIPMENT / 03.07 / PRODUCT CATALOGUE

HOOK GUIDES

Hook-shaped ceramic contact for tight direction changes.

Hook guides change the wire direction in tight spaces where a roller will not fit. The ceramic hook presents a smooth, wear-resistant surface to the wire and keeps the path stable.

Made to the drawing, with mounting and hook radius matched to the machine.

APPLICATIONS

- Wire drawing
- Stranding
- Rewinding
- Retrofits

TECHNICAL DATA

MATERIAL	Technical ceramic
FORM	Hook / curved contact
FIT	Made to drawing
USE	Compact wire paths



TOOLING & LINE EQUIPMENT / 03.08 / PRODUCT CATALOGUE

METAL & PLASTIC GUIDES

Lightweight guides where ceramic is not the whole answer.

Not every guide needs a solid ceramic body. These guides combine a metal or engineering-plastic body with a small ceramic contact tip, giving a light, economical part where the wire touches only a short section.

Used on pay-off, bunching and rewinding equipment for fine and medium wire. Mounting and tip position are made to the machine drawing.

APPLICATIONS

- Pay-off
- Bunching
- Rewinding
- Fine wire lines

TECHNICAL DATA

BODY	Metal / engineering plastic
CONTACT	Ceramic tip
FIT	Made to machine drawing
USE	Fine and medium wire



TOOLING & LINE EQUIPMENT / 03.09 / PRODUCT CATALOGUE

RODE GUIDES

Rod guides that hold the wire path straight.

Rode guides support the wire over a straight, ceramic-lined path, holding it steady between drawing, annealing and take-up. The ceramic bore resists wear from the moving wire.

Supplied to the drawing with the mounting and bore matched to the line.

APPLICATIONS

- Drawing lines
- Annealing lines
- Stranding
- Take-up

TECHNICAL DATA

MATERIAL	Ceramic insert, metal body
BORE	Made to drawing
FIT	Line-specific mounting
USE	Straight wire paths



TOOLING & LINE EQUIPMENT / 03.10 / PRODUCT CATALOGUE

ROLLING GUIDES

Rolling ceramic contact for low-friction direction changes.

Rolling guides let the wire change direction over a rotating ceramic surface, cutting friction and wear compared with a fixed guide. They are used where the wire runs at speed or under light tension.

Supplied with the bearing and mounting suited to the machine, with the roller profile made to the wire size.

APPLICATIONS

- Drawing
- Bunching
- Stranding
- High-speed lines

TECHNICAL DATA

CONTACT	Rotating ceramic roller
BEARING	Sealed, low-friction
FIT	Made to machine
USE	High-speed wire paths



TOOLING & LINE EQUIPMENT / 03.11 / PRODUCT CATALOGUE

SLIPPER GUIDES

Curved ceramic support for long wire contact.

Slipper guides present a long, curved ceramic face to the wire, spreading contact pressure and protecting the surface over a longer run. They are used where the wire needs support rather than a simple eyelet.

Made to the machine drawing in the required radius and width.

APPLICATIONS

- Drawing
- Stranding
- Rewinding
- Special lines

TECHNICAL DATA

CONTACT	Curved ceramic face
RADIUS	Made to drawing
BODY	Metal carrier
USE	Supported wire paths



TOOLING & LINE EQUIPMENT / 03.12 / PRODUCT CATALOGUE

SPECIAL GUIDES

The guide that is not in the catalogue — yet.

Some lines need a guide that no standard shape covers. Special guides are made to the customer's drawing: unusual radii, combined functions, ceramic inserts in a custom carrier.

Send the drawing or a sample and the workshop quotes the part, the ceramic grade and the lead time.

APPLICATIONS

- Retrofits
- Special machines
- Line upgrades
- Prototyping

TECHNICAL DATA

TYPE	Custom / special guide
BASIS	Drawing or sample
MATERIAL	Ceramic insert, metal body
USE	Non-standard wire paths



TOOLING & LINE EQUIPMENT / 03.13 / PRODUCT CATALOGUE

TAKE-OFF GUIDES

Clean exit guidance at the end of the line.

Take-off guides guide the wire as it leaves the machine, keeping the path stable before the next process. The ceramic contact protects the wire surface at the point where it is most likely to rub.

Supplied to the drawing with the mounting matched to the take-off arm or frame.

APPLICATIONS

- Drawing exit
- Stranding exit
- Rewinding
- Take-up

TECHNICAL DATA

MATERIAL	Ceramic insert, metal body
FIT	Take-off arm / frame
BORE	Made to drawing
USE	Line exit guidance



TOOLING & LINE EQUIPMENT / 03.14 / PRODUCT CATALOGUE

TAKE-UP GUIDES

Steady guidance into the take-up.

Take-up guides control the wire as it approaches the spool, preventing rubbing on the flange and keeping the traverse clean. The ceramic contact takes the wear that would otherwise mark the wire.

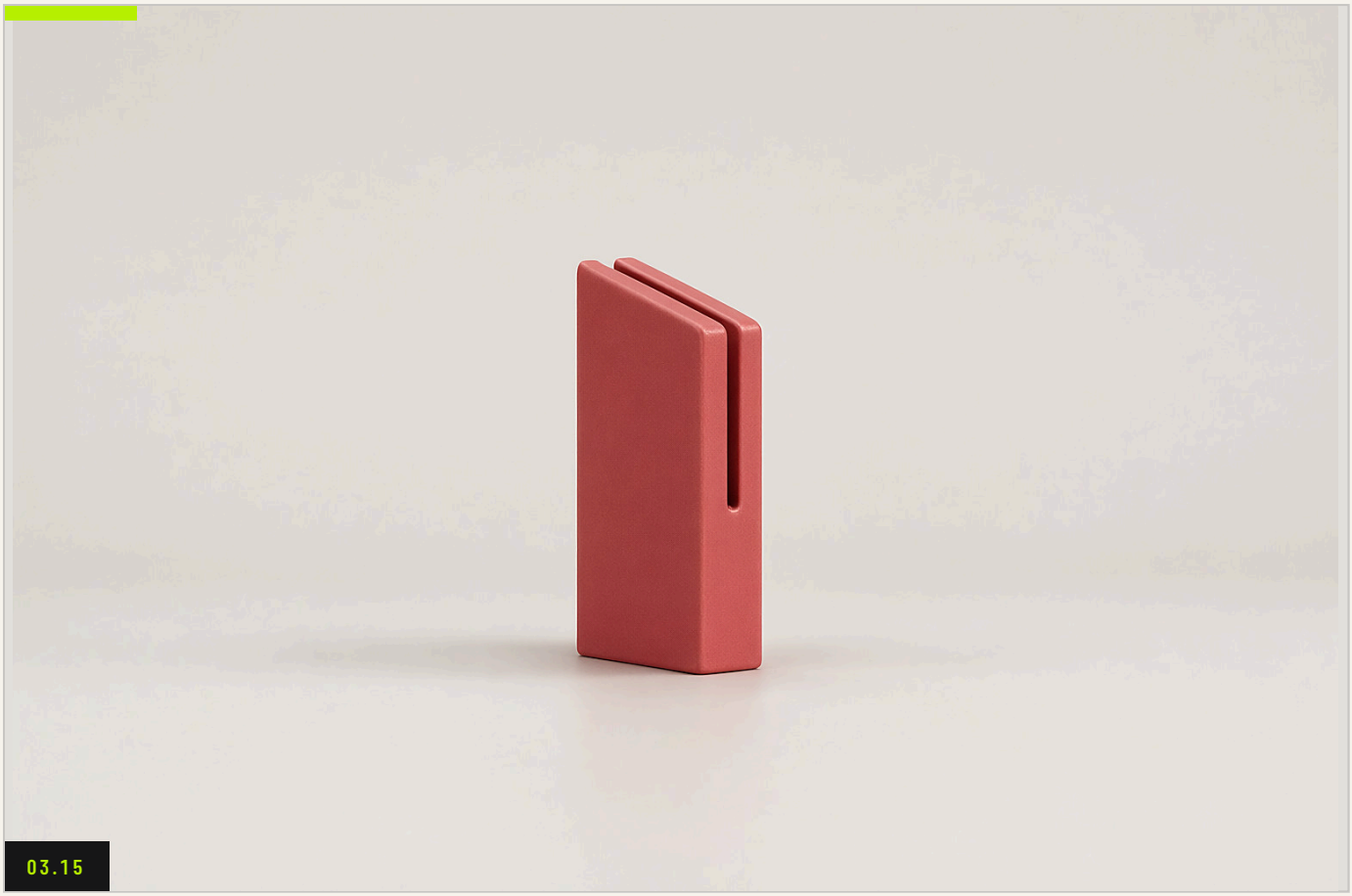
Made to the machine drawing, with the bore and mounting matched to the take-up unit.

APPLICATIONS

- Take-up
- Spooling
- Traverse control
- Rewinding

TECHNICAL DATA

MATERIAL	Ceramic insert, metal body
FIT	Take-up unit
BORE	Made to drawing
USE	Spooling and traverse



TOOLING & LINE EQUIPMENT / 03.15 / PRODUCT CATALOGUE

TRAP GUIDES

A closed path that keeps the wire where it belongs.

Trap guides close around the wire so it cannot jump the path at speed or during a stop. The ceramic contact surface keeps friction low while the closed form keeps the wire captive.

Supplied to the machine drawing with the opening and mounting matched to the wire size.

APPLICATIONS

- Drawing
- Bunching
- Stranding
- High-speed lines

TECHNICAL DATA

FORM	Closed / trap profile
MATERIAL	Technical ceramic
FIT	Made to drawing
USE	High-speed wire paths



TOOLING & LINE EQUIPMENT / 03.16 / PRODUCT CATALOGUE

TUBE GUIDES

A straight ceramic tube for the cleanest wire path.

Tube guides give the wire a straight, fully enclosed ceramic path. They are used where the wire must be supported over a distance without any chance of rubbing on metal.

Available in the bore and length on the drawing, with the mounting flange or collar made to suit the machine.

APPLICATIONS

Drawing · Annealing · Stranding · Extrusion

TECHNICAL DATA

MATERIAL	Technical ceramic
FORM	Straight tube
BORE	Made to drawing
USE	Enclosed wire paths



TOOLING & LINE EQUIPMENT / 03.17 / PRODUCT CATALOGUE

U GUIDES

U-shaped ceramic contact for open wire paths.

U guides support the wire in an open ceramic channel, letting it be lifted out when the line is threaded. They are used on pay-off, stranding and rewinding equipment where quick threading matters.

Made to the drawing with the channel width and radius matched to the wire.

APPLICATIONS

- Pay-off
- Stranding
- Rewinding
- Retrofits

TECHNICAL DATA

FORM	Open U channel
MATERIAL	Technical ceramic
FIT	Made to drawing
USE	Quick-threading paths



PRODUCT FAMILY 04 / 07

04 CONSUMABLES & WEAR PARTS

COIL · STRIP · HAND-DRIVEN · EPAL · 10 PRODUCTS

Drum and pallet nails in coil, strip and loose form, annealing components and surface treatments.

The unglamorous parts that stop a line when they run out. Plastic strip, ring, screw and smooth coil nails, concrete, construction and fruit-case nails, EPAL-certified pallet nails, annealing and wear parts for wire mills, and special coatings for parts that see heat, friction or corrosion.

PRODUCT INDEX

10 PRODUCTS

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CUSTOM DIMENSIONS? REQUEST A QUOTE.

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CONSUMABLES & WEAR PARTS / 04.01 / PRODUCT CATALOGUE

PLASTIC STRIP NAILS, 21°

Collated strip nails for framing nailers.

Plastic strip nails are collated at 21° for framing nailers, so a strip feeds straight into the magazine and the tool drives nail after nail without hand feeding.

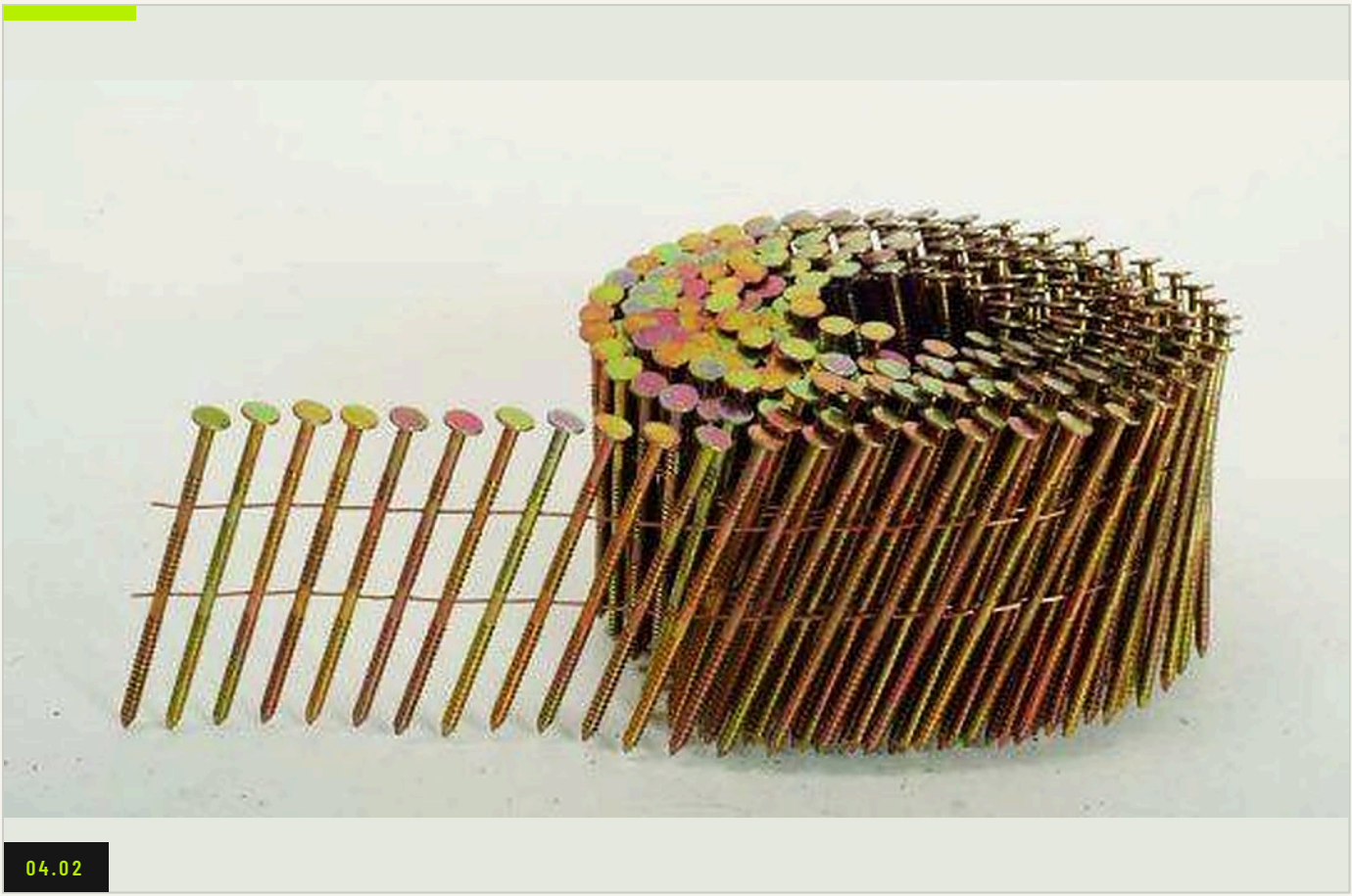
Used for drum and crate assembly, pallets, framing and general construction. Lengths and finishes are matched to the tool and the timber.

APPLICATIONS

- Drum assembly
- Crate assembly
- Framing
- Pallets

TECHNICAL DATA

COLLATION	Plastic strip, 21°
FORMAT	Strip, machine feed
FINISH	Bright / galvanised
USE	Framing, crating, drum assembly



04.02

CONSUMABLES & WEAR PARTS / 04.02 / PRODUCT CATALOGUE

RING COIL NAILS

Ring shank for pull-out resistance that holds.

Ring coil nails carry a ringed shank that resists pull-out far better than a smooth nail. They are widely used for pallet manufacturing, wooden cases, general construction, furniture and separator or corner-bracket fixing.

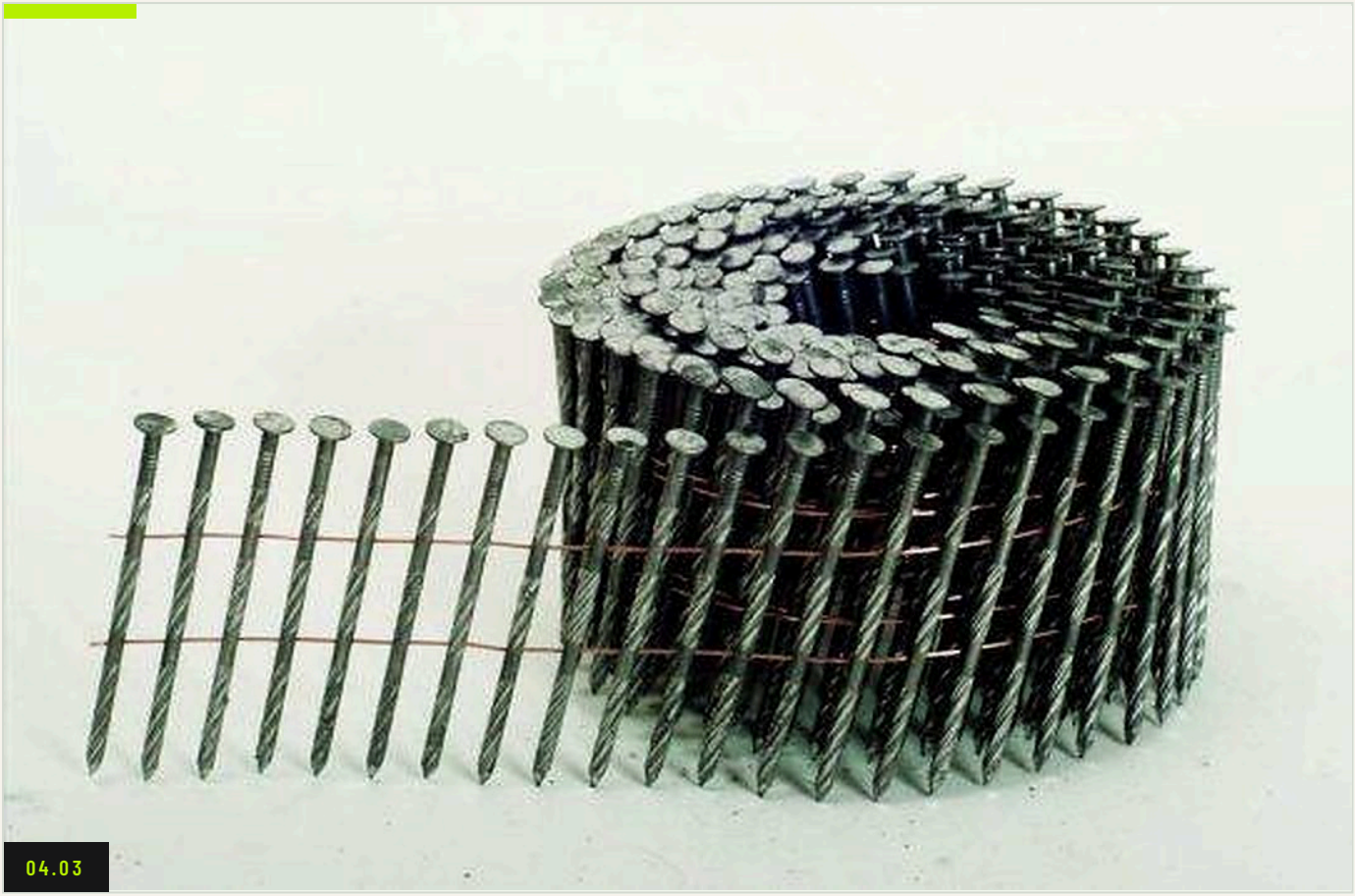
Supplied in coils for pneumatic nailers, in the lengths and coatings used by pallet and crate lines.

APPLICATIONS

- Pallets
- Wooden cases
- Furniture
- Construction

TECHNICAL DATA

SHANK	Ring
FORMAT	Coil, pneumatic
USE	Pallets, cases, construction
FINISH	Bright / galvanised



CONSUMABLES & WEAR PARTS / 04.03 / PRODUCT CATALOGUE

SCREW COIL NAILS

Screw shank for the hardest pull-out duty.

Screw coil nails have a twisted shank that bites into the timber and holds where smooth or ring nails would pull. They are used for pallet manufacturing, wooden cases, general construction, furniture and metal corner brackets.

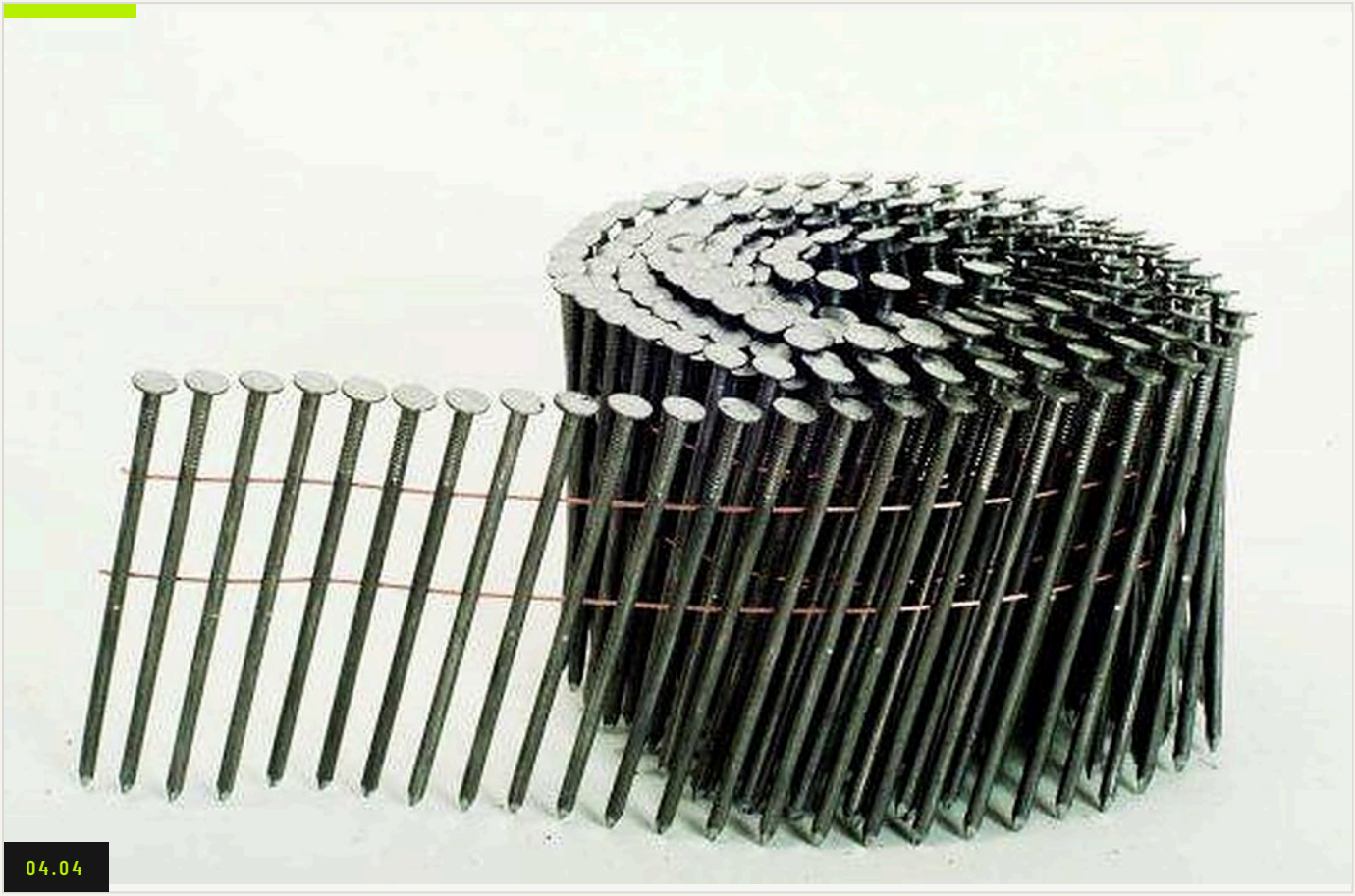
Supplied in coils for pneumatic tools, with the coating matched to indoor or outdoor service.

APPLICATIONS

Pallets · Wooden cases · Furniture · Construction

TECHNICAL DATA

SHANK	Screw
FORMAT	Coil, pneumatic
USE	Pallets, cases, heavy assemblies
FINISH	Bright / galvanised



CONSUMABLES & WEAR PARTS / 04.04 / PRODUCT CATALOGUE

SMOOTH COIL NAILS

The fast, economical coil nail for drum and pallet lines.

Smooth coil nails are the fast, economical choice for pallet manufacturing, wooden cable spools, wooden cases, general construction and furniture. The smooth shank drives quickly and cleanly in softwood.

Supplied in coils for standard pneumatic nailers, in the lengths used by drum and pallet lines.

APPLICATIONS

- Cable drums
- Spools
- Pallets
- Wooden cases

TECHNICAL DATA

SHANK	Smooth
FORMAT	Coil, pneumatic
USE	Drums, spools, pallets, cases
FINISH	Bright / galvanised



CONSUMABLES & WEAR PARTS / 04.05 / PRODUCT CATALOGUE

CONCRETE NAILS

Hardened nails for concrete and masonry.

Concrete nails are hardened and heat-treated so they drive into concrete and masonry without bending. They are made from high-carbon steel and used for fixing battens, brackets and site fixtures.

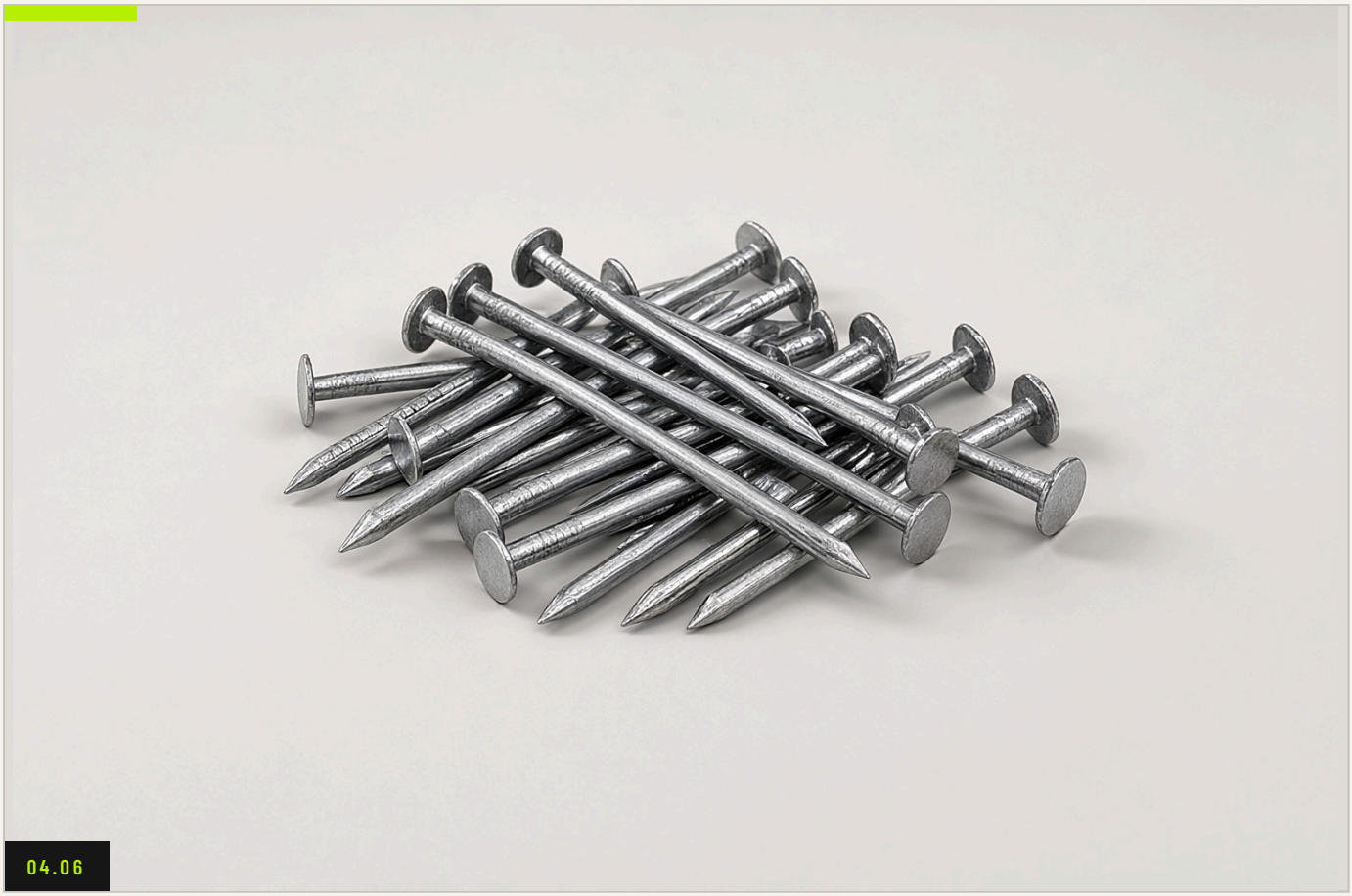
Supplied in bulk boxes in the common lengths and diameters.

APPLICATIONS

- Concrete fixing
- Masonry
- Site works
- Formwork

TECHNICAL DATA

MATERIAL	High-carbon steel, hardened
USE	Concrete and masonry
FORMAT	Bulk boxes
SIZES	Standard lengths, custom on request



CONSUMABLES & WEAR PARTS / 04.06 / PRODUCT CATALOGUE

CONSTRUCTION NAILS

Common nails for formwork and frameworks.

Construction nails are the common nails for general building: formwork, frameworks, battens and site carpentry. They are supplied in the inter-dimensions used across European markets.

Packing options cover 5 kg boxes (240 or 256 per pallet), 25 kg boxes (40 or 52 per pallet), 500 kg and 1000 kg boxes.

APPLICATIONS

- Formwork
- Frameworks
- Battens
- Site carpentry

TECHNICAL DATA

TYPE	Common construction nail
FORMAT	Bulk, boxed
PACKING	5 / 25 / 500 / 1000 kg
USE	Formwork, frameworks, carpentry



04.07

CONSUMABLES & WEAR PARTS / 04.07 / PRODUCT CATALOGUE

FRUIT CASE NAILS

Small, thin nails for light boards and packaging.

Fruit case nails are small and thin, made to fasten thin wood boards without splitting them. They are used for fruit cases, packaging, furniture and light wooden framing.

Headless versions can be produced on request for a cleaner finish.

APPLICATIONS

- Fruit cases
- Packaging
- Furniture
- Light framing

TECHNICAL DATA

TYPE	Small thin nail
HEAD	Standard or headless on request
USE	Fruit cases, packaging, light framing
FORMAT	Bulk boxes



04.08

CONSUMABLES & WEAR PARTS / 04.08 / PRODUCT CATALOGUE

EPAL NAILS

Licensed nails for EPAL-certified pallets.

EPAL nails are produced for EPAL-certified pallets in accordance with European Pallet Organisation regulations. The licensed sizes are available now, with further sizes in certification.

They are made for automated pallet lines, with the tolerances and coatings the EPAL specification requires.

APPLICATIONS

- EPAL pallets
- Pallet lines
- Export packaging
- Automated nailing

TECHNICAL DATA

STANDARD	EPAL / European Pallet Organisation
FORMAT	Bulk, machine feed
USE	EPAL-certified pallets
SIZES	Licensed sizes, others in certification



CONSUMABLES & WEAR PARTS / 04.09 / PRODUCT CATALOGUE

ANNEALING & WEAR PARTS

Parts for the furnace and the line that see heat every day.

Annealing and high-temperature lines wear parts out quietly. We supply the components that keep them running: guides, rollers, contacts and custom parts made in heat-resistant materials.

Parts are made to drawing or sample, with material selection based on the temperature and atmosphere of the application.

APPLICATIONS

- Annealing furnaces
- Wire lines
- Heat treatment
- Maintenance

TECHNICAL DATA

SCOPE	Guides, rollers, contacts, custom parts
MATERIAL	Heat-resistant steels and alloys
FIT	To drawing or sample
USE	Annealing furnaces, wire lines



CONSUMABLES & WEAR PARTS / 04.10 / PRODUCT CATALOGUE

SPECIAL COATINGS & SURFACE TREATMENTS

The finish that decides how long a part lasts.

Coatings for parts that see wear, corrosion, heat or sticking. The right surface treatment can multiply the life of a guide, a die or a drum component many times over.

We advise on the treatment for the duty and supply coated parts or coating services, matched to the base material.

APPLICATIONS

- Guides & dies
- Drum hardware
- Line parts
- Corrosion protection

TECHNICAL DATA

PURPOSE	Wear, corrosion, heat, release
BASIS	Steel, aluminium, tooling
SERVICE	Coated parts and treatment advice
FIT	To application



PRODUCT FAMILY 05 / 07

05 TAPES, FOILS & FILMS

AL · CU · PVC · PET · PP · MICA · PAPER · 21 PRODUCTS

Conductive and insulating tapes, papers, films and yarns — plus the formers and bows that run them.

Longitudinal tapes and foils for screening, bedding and binding: aluminium and copper foil, copolymer-coated tape, PVC foil, PET film, mica, fibre-glass, fleece, papers, water-blocking and semi-conductive tapes, ripcord and fibre-glass yarns. Plus the aluminium tape formers and carbon fibre rotor bows that put them on the cable.

PRODUCT INDEX

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CUSTOM DIMENSIONS? REQUEST A QUOTE.

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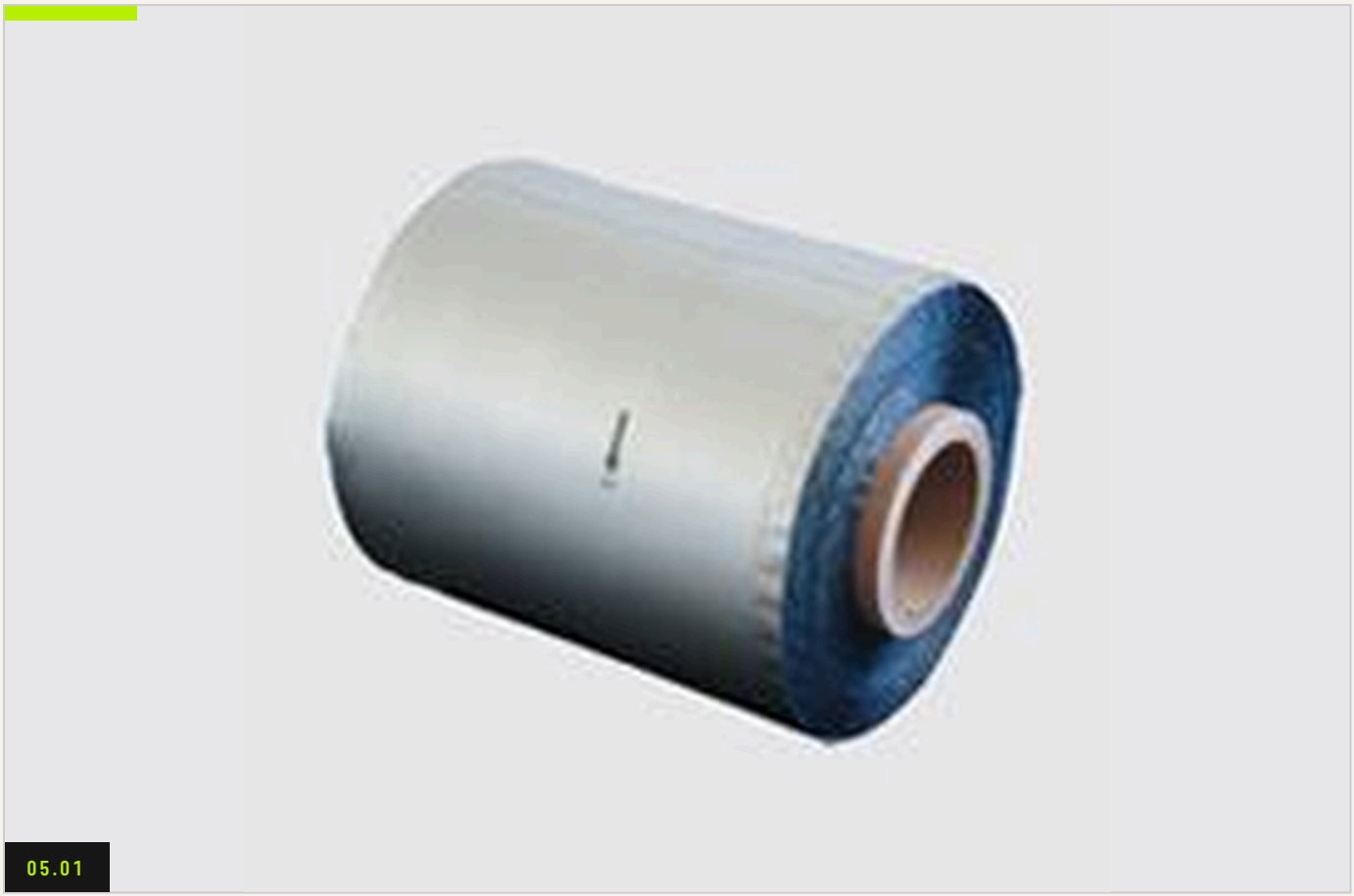


05.01

TAPES, FOILS & FILMS / 05.01 / PRODUCT CATALOGUE

ALUMINIUM FOIL

Screening and moisture barrier in a thin, consistent strip.

Aluminium foil is used as an electrostatic screen, a moisture barrier and the raw strip for tape forming. It is supplied plain or laminated: AL+PET, AL+PET+AL, AL+PET+SY (Surlyn) and AL+PVC, each giving a different balance of insulation, bond and strength.

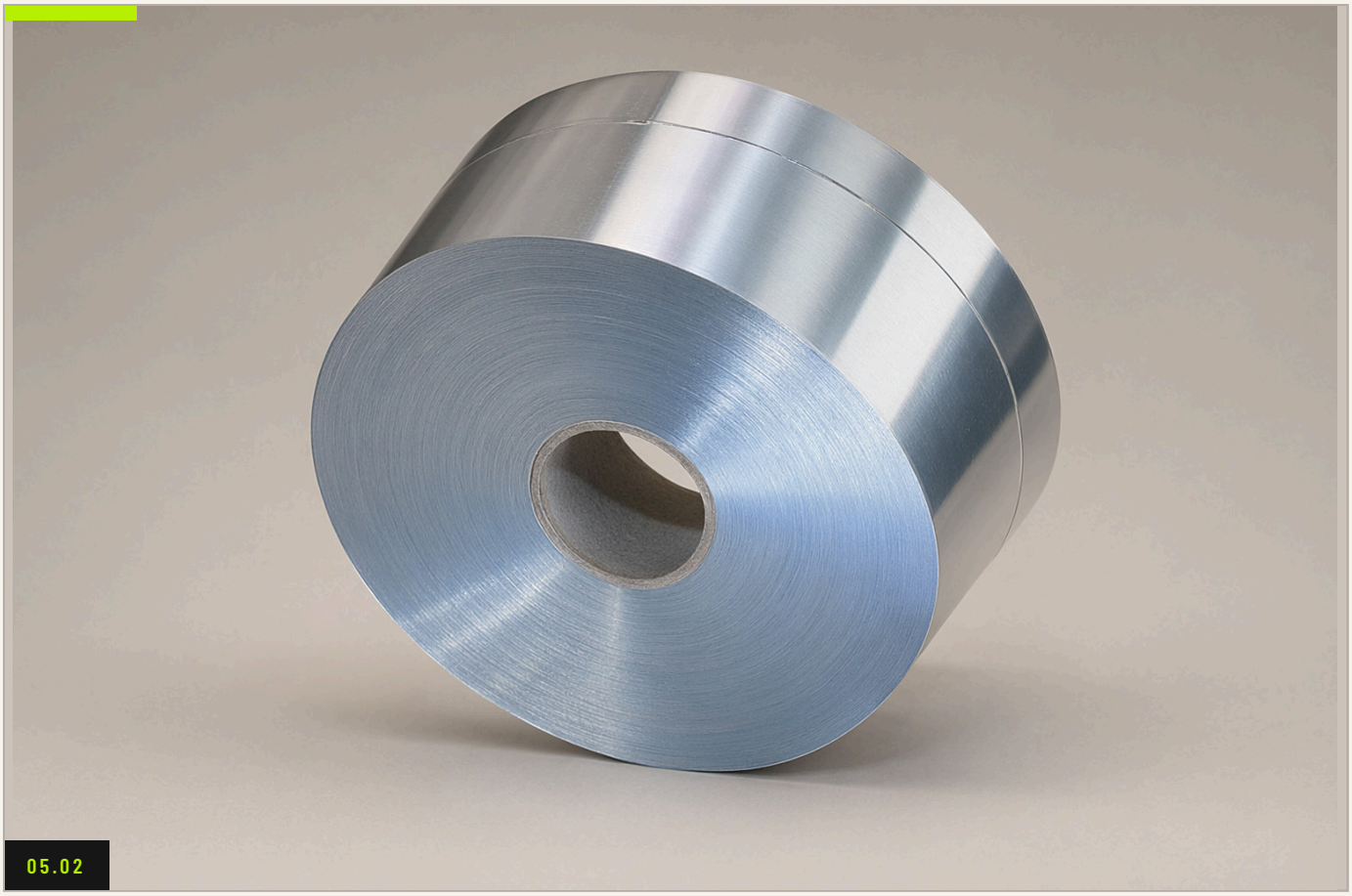
Typical applications are coaxial, signal, control, instrumentation, LAN and data communication cables, plus air-duct production. SPOOL (traverse) and PAD winding are available.

APPLICATIONS

- Coaxial cable
- Data & LAN cable
- Instrumentation cable
- Air ducts

TECHNICAL DATA

FORMS	Plain, AL+PET, AL+PET+AL, AL+PET+SY, AL+PVC
WINDING	SPOOL (traverse) or PAD
USE	Screening, moisture barrier, tape forming
WIDTH	Slit to customer width
THICKNESS	Made to order



TAPES, FOILS & FILMS / 05.02 / PRODUCT CATALOGUE

COPOLYMER COATED ALUMINIUM TAPE

Aluminium with a copolymer skin that bonds to PE.

Copolymer coated aluminium tape bonds firmly to aluminium and polyethylene cable surfaces. The copolymer layer acts as the adhesive, so the tape stays put without a separate glue.

It is most commonly used in telephone and telecommunication cables to block interference and separate inner cable groups. Standard constructions run from 0.08 mm to 0.30 mm aluminium with 0.04–0.05 mm copolymer on one or both sides.

APPLICATIONS

- Telecom cable
- Data cable
- Group separation
- EMI screening

TECHNICAL DATA

COATING	Single side / both sides
ALUMINIUM	0.08 – 0.30 mm
COPOLYMER	0.04 – 0.05 mm
THICKNESS	120 – 350 micron
USE	Telecom and data cable screening



05.03

TAPES, FOILS & FILMS / 05.03 / PRODUCT CATALOGUE

COPPER FOIL

Higher conductivity than aluminium, with corrosion resistance.

Copper foil provides conductivity and electromagnetic insulation with better conductivity than aluminium, plus resistance to corrosion and radiation. It can be soldered, which makes it the choice where a reliable electrical bond matters.

Supplied plain or laminated: CU+PET for insulation and mechanical strength, CU+SY (Surlyn) for grip and bonding. Used on coaxial, signal, control, instrumentation, LAN and data communication cables. SPOOL and PAD winding available.

APPLICATIONS

- Coaxial cable
- LAN & data cable
- Instrumentation
- EMI screening

TECHNICAL DATA

FORMS	Plain, CU+PET, CU+SY
WINDING	SPOOL (traverse) or PAD
PROPERTIES	Solderable, corrosion resistant
USE	Screening and conductivity
WIDTH	Slit to customer width



05.04

TAPES, FOILS & FILMS / 05.04 / PRODUCT CATALOGUE

COPPER TAPE

Copper tape for energy cable production.

Copper tape is used in energy cable production for screening and conductive layers. The copper surface gives a low-resistance path and can be soldered where a terminated screen is required.

Supplied on spools or pads in the width and thickness specified for the cable.

APPLICATIONS

- Energy cable
- Screening
- Conductive layers
- Terminations

TECHNICAL DATA

MATERIAL	Copper
FORM	Rolls / pads
USE	Energy cable screening
WIDTH	Slit to customer width



TAPES, FOILS & FILMS / 05.05 / PRODUCT CATALOGUE

CRAFT PAPER

Kraft paper that stops cores sticking to the jacket.

Craft paper prevents the adhesion of isolated wire groups to the jacket during extrusion and vulcanisation. It is the simple, economical separator that keeps the cable free to bend and strip.

Available on SPOOL and PANCAKE (PAD) winding in the widths used by cable lines.

APPLICATIONS

- Cable bedding
- Jacket separation
- Core wrapping
- Vulcanised cable

TECHNICAL DATA

MATERIAL	Kraft paper
WINDING	SPOOL or PANCAKE (PAD)
USE	Anti-adhesion separator
WIDTH	Slit to customer width



TAPES, FOILS & FILMS / 05.06 / PRODUCT CATALOGUE

CREPE PAPER

Flexible paper insulation for cable cores.

Crepe paper is used for insulation of cable cores. Its creped, flexible structure wraps tightly around the conductor and stays in place through bending.

Supplied on SPOOL and PANCAKE (PAD) winding, in the widths and thicknesses used by the cable industry.

APPLICATIONS

- Core insulation
- Cable wrapping
- Separation
- Flexible cables

TECHNICAL DATA

MATERIAL	Crepe paper
WINDING	SPOOL or PANCAKE (PAD)
USE	Cable insulation
WIDTH	Slit to customer width



TAPES, FOILS & FILMS / 05.07 / PRODUCT CATALOGUE

FIBERGLASS TAPE

Flame resistance up to 950 °C in a flexible tape.

Fiberglass tape is used on power, control, instrumentation and signalling cables for its flame resistance and dielectric strength. It is flexible and strong enough to run on standard high-speed wrapping equipment.

It resists radiation, acid and alkali, is non-toxic at high temperature and withstands up to 950 °C. Standard widths are 15, 20, 25, 30 and 40 mm, 800 m per roll without joints, 76 mm core.

APPLICATIONS

- Power cable
- Control cable
- Instrumentation
- Signalling cable

TECHNICAL DATA

WIDTH	15 / 20 / 25 / 30 / 40 mm
LENGTH	800 m, no joint
CORE ID	76 mm
HEAT RESISTANCE	Up to 950 °C
WINDING	SPOOL (traverse) or PAD



TAPES, FOILS & FILMS / 05.08 / PRODUCT CATALOGUE

FIBERGLASS YARN

High-temperature yarn for flame-resistant cable.

Fiberglass yarn has high electrical insulation and high temperature resistance, which makes it the standard choice for flame-resistant cable production.

It is commonly used on silicone cable conductor braiding, where the yarn gives ultimate flame resistance. Supplied on spools in the linear density specified for the braiding machine.

APPLICATIONS

- Silicone cable braiding
- Flame-resistant cable
- Heat barriers
- Special cables

TECHNICAL DATA

MATERIAL	Fiberglass yarn
FORM	Spools
PROPERTIES	High insulation, heat resistant
USE	Braiding and flame-resistant cable



TAPES, FOILS & FILMS / 05.09 / PRODUCT CATALOGUE

FLEECE (BEDDING / TNT) TAPE

Non-woven bedding that survives extrusion heat.

Fleece tape is made of polyester non-woven fibre that resists the heat of extrusion and vulcanisation. It is used for bedding and separation on cable production, cushioning the cores under the jacket.

Available on SPOOL and PANCAKE (PAD) winding, in the widths used by the taping head.

APPLICATIONS

- Cable bedding
- Core separation
- Vulcanised cable
- Jacket support

TECHNICAL DATA

MATERIAL	Polyester non-woven
WINDING	SPOOL or PANCAKE (PAD)
USE	Bedding and separation
WIDTH	Slit to customer width



TAPES, FOILS & FILMS / 05.10 / PRODUCT CATALOGUE

FOAMED POLYPROPYLENE (PP) TAPE

Gas-expanded PP tape: light, soft, economical.

Foamed PP tape is white, mono-orient extruded polypropylene with a density reduced by gas expansion. The result is a light, soft tape that wraps without adding much weight to the cable.

Available on SPOOL and PANCAKE (PAD) winding in the widths and thicknesses used for bedding and binding.

APPLICATIONS

- Cable bedding
- Binding
- Lightweight cables
- Wrapping

TECHNICAL DATA

MATERIAL	Foamed polypropylene
COLOUR	White
PROCESS	Mono-orient, gas expanded
WINDING	SPOOL or PANCAKE (PAD)



05.11

TAPES, FOILS & FILMS / 05.11 / PRODUCT CATALOGUE

MICA TAPE

Fire resistance up to 1100 °C for critical cable.

Mica tape is the fire barrier in flame-resistant cable: heat-resistant phlogopite, muscovite or synthetic mica bonded to an electrical-grade fibre-glass cloth or PE film, impregnated with high-temperature silicone resin.

Phlogopite and muscovite tapes withstand up to 950 °C; synthetic mica reaches 1100 °C. Used on power, control, instrumentation and signalling cables. SPOOL and PAD winding available.

APPLICATIONS

- Fire-resistant cable
- Power cable
- Control cable
- Instrumentation

TECHNICAL DATA

TYPES	Phlogopite / muscovite / synthetic
SUPPORT	Fibre-glass cloth or PE film
HEAT RESISTANCE	950 °C / 1100 °C synthetic
WINDING	SPOOL or PANCAKE (PAD)
USE	Fire-resistant cable



05.12

TAPES, FOILS & FILMS / 05.12 / PRODUCT CATALOGUE

PET FILM

Insulation and shaping film with high dielectric strength.

PET film combines optical, physical, mechanical, thermal and chemical properties that make it useful across the cable plant. It is used to form the perfect shape on the cable during production, and as screening on pairs or groups in communication, data and instrumentation cable.

It has high voltage and electrical insulation characteristics and good heat behaviour. SPOOL (traverse) and PAD winding available.

APPLICATIONS

- Cable shaping
- Pair screening
- Data cable
- Instrumentation

TECHNICAL DATA

MATERIAL	Polyester (PET) film
WINDING	SPOOL (traverse) or PAD
PROPERTIES	High dielectric strength
USE	Shaping, insulation, screening



TAPES, FOILS & FILMS / 05.13 / PRODUCT CATALOGUE

PP IDENTIFICATION TAPE

Colour-coded PP tape for multi-core identification.

PP identification tape is a coloured, mono-axial polypropylene tape with high tensile strength, suitable for high-speed spiral winding. It is used to identify cores in multi-wire cable.

Available in the standard identification colours, on spools or pads for the taping head.

APPLICATIONS

- Multi-core cable
- Core identification
- Control cable
- Data cable

TECHNICAL DATA

MATERIAL	Mono-axial polypropylene
COLOURS	Identification range
WINDING	Spiral, high speed
USE	Multi-core identification



TAPES, FOILS & FILMS / 05.14 / PRODUCT CATALOGUE

RIPCORD YARN

The thread that opens the jacket cleanly.

Ripcord yarn is the high-strength thread laid under the jacket so the installer can open the cable cleanly. It starts from 110 dtex and is supplied on spools for the line.

The yarn is chosen for the jacket compound and the opening force the customer wants.

APPLICATIONS

- Jacket opening
- Installation
- Power cable
- Communication cable

TECHNICAL DATA

LINEAR DENSITY	From 110 dtex
FORM	Spools
PROPERTY	High strength
USE	Cable jacket opening



05.15

TAPES, FOILS & FILMS / 05.15 / PRODUCT CATALOGUE

SEMI-CONDUCTIVE TAPE

Conductive bedding that spreads the field.

Semi-conductive tape is made of polyester non-woven fibre that resists high temperature. It is used for bedding and separation in cable construction, providing a conductive layer where the field has to be spread.

Available on SPOOL and PANCAKE (PAD) winding, in the widths used by the line.

APPLICATIONS

- Power cable
- Bedding
- Field control
- Separation

TECHNICAL DATA

MATERIAL	Semi-conductive non-woven
WINDING	SPOOL or PANCAKE (PAD)
USE	Bedding and separation
WIDTH	Slit to customer width



05.16

TAPES, FOILS & FILMS / 05.16 / PRODUCT CATALOGUE

SEMI-CONDUCTIVE WATER BLOCKING TAPE

Blocks water and spreads the field in one layer.

Semi-conductive water blocking tape is used on energy and power cable production to protect the cable against water ingress while keeping the semi-conductive layer continuous.

Available on SPOOL and PANCAKE (PAD) winding, matched to the cable construction.

APPLICATIONS

- Energy cable
- Power cable
- Water protection
- Bedding

TECHNICAL DATA

TYPE	Semi-conductive water blocking
WINDING	SPOOL or PANCAKE (PAD)
USE	Water protection
WIDTH	Slit to customer width



TAPES, FOILS & FILMS / 05.17 / PRODUCT CATALOGUE

WATER BLOCKING (SWELLING) TAPE

Swelling tape that seals the cable against water.

Water blocking tape is made of polyester non-woven tape with polyacrylic swelling nano powder and anti-corrosion chemicals. When water reaches the tape it swells and seals the cable.

Used in power and communication cable to protect the core against water ingress. SPOOL and PAD winding available.

APPLICATIONS

- Power cable
- Communication cable
- Water protection
- Long routes

TECHNICAL DATA

CONSTRUCTION	Non-woven + swelling powder
WINDING	SPOOL or PANCAKE (PAD)
FUNCTION	Water blocking
WIDTH	Slit to customer width



TAPES, FOILS & FILMS / 05.18 / PRODUCT CATALOGUE

PVC FOIL

Soft PVC foil for bedding, wrapping and conductor protection.

PVC foil is the flexible, economical wrap that sits between the conductor and the sheath. It beds the cores, keeps them in place and adds a layer of mechanical protection without adding much weight.

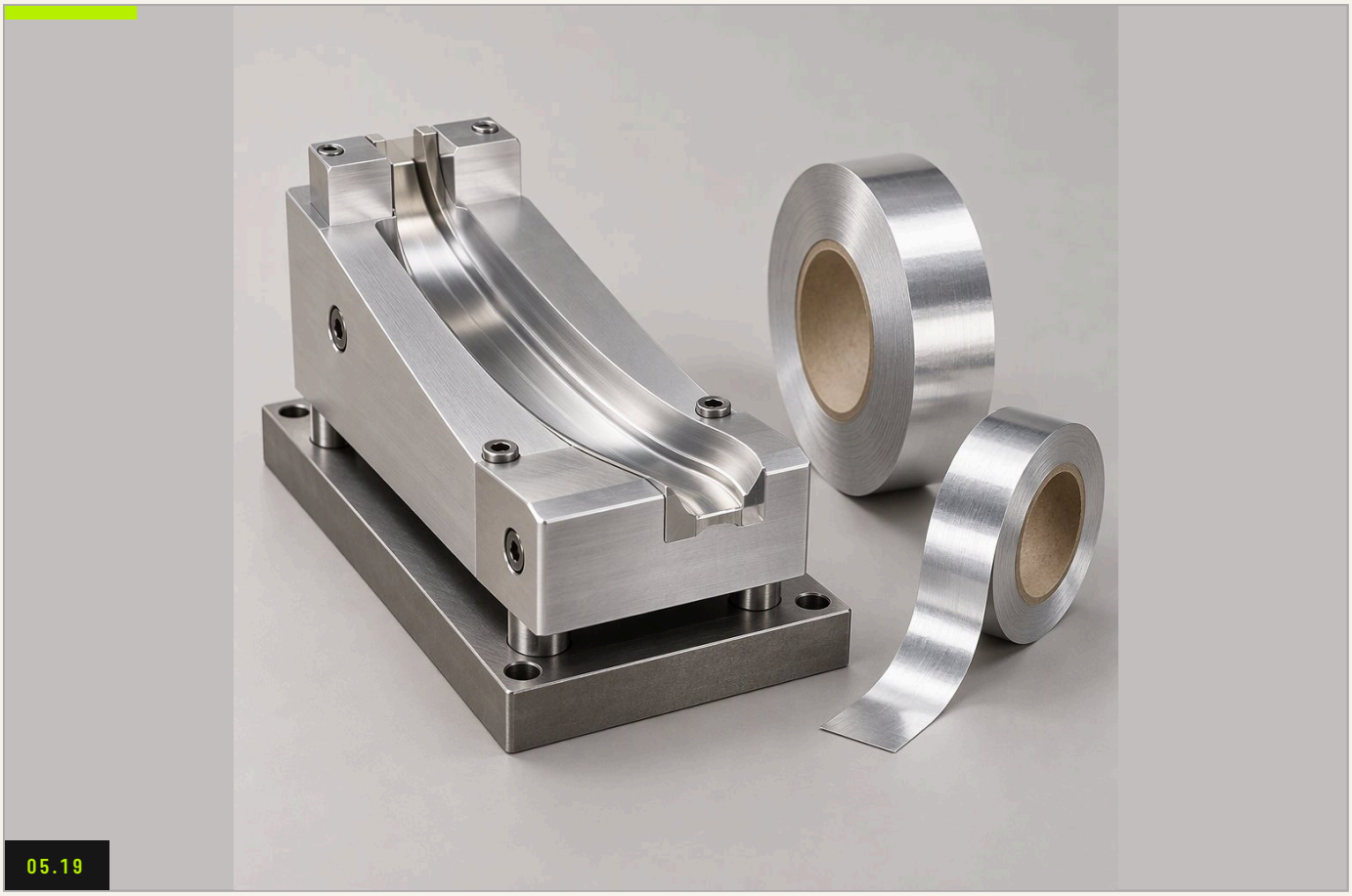
We supply soft PVC foil in rolls, slit to the width your taping head needs, in natural, black or custom colours. Formulation can be aligned with RoHS and REACH requirements on request.

APPLICATIONS

- Cable bedding
- Core wrapping
- Sheath protection
- Harness wrapping

TECHNICAL DATA

MATERIAL	Soft PVC
FORM	Rolls, slit to width
USE	Bedding, wrapping, protection
COLOUR	Natural, black, custom
COMPLIANCE	RoHS / REACH on request



TAPES, FOILS & FILMS / 05.19 / PRODUCT CATALOGUE

AL TAPE & FOIL FORMER

Flat strip in, closed tube out — around the conductor.

The tape former takes flat aluminium tape and forms it longitudinally into a closed tube around the conductor as it passes the line. The result is a continuous, concentric screen with a fixed exit diameter — no overlap drift, no ovality.

Standard formers handle tape widths up to 480 mm, with special sizes built to drawing. Micro formers cover 5–12 mm tapes for fine cables, and dedicated variants are available for braiding lines and NM-B constructions. The forming section is hardened, with a fixed exit that holds tolerance over the run.

APPLICATIONS

- Al tape screening
- Coax & data cable
- NM-B constructions
- Fine cable

TECHNICAL DATA

TAPE WIDTH	Up to 480 mm (standard)
MICRO RANGE	5 – 12 mm
VARIANTS	Fixed-exit, braiding, NM-B
MATERIAL	Hardened tool steel, wear inserts
CUSTOM	Special sizes to drawing



05.20

TAPES, FOILS & FILMS / 05.20 / PRODUCT CATALOGUE

CARBON FIBRE ROTOR BOWS

Light, stiff bows that keep high-speed winding stable.

Rotor bows guide tape and foil onto the cable at speed. Carbon fibre gives them the stiffness to hold position and the low mass to keep the head balanced at high rpm.

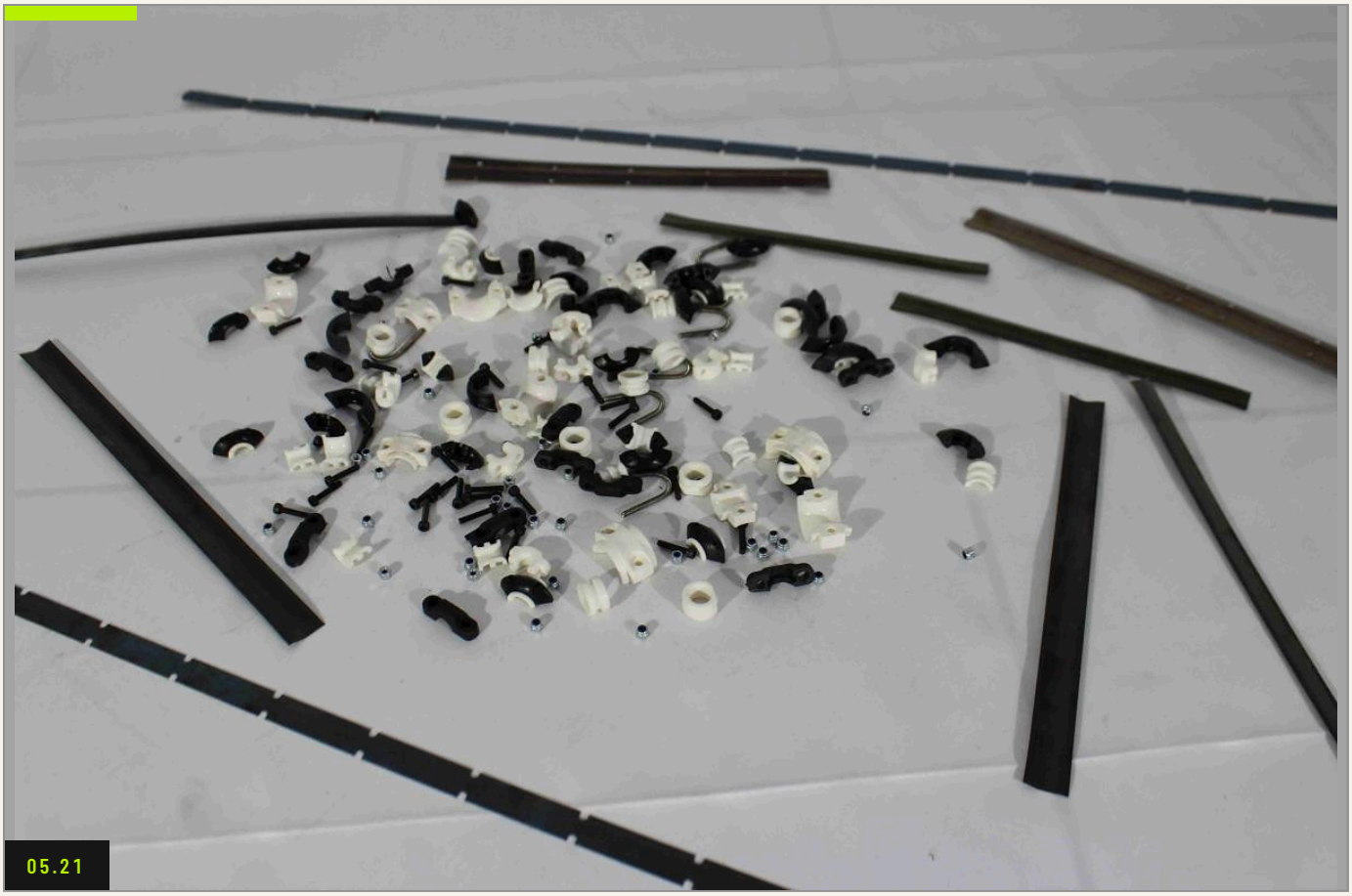
Bows are made to fit common taping and winding heads, with custom radii and mounting on request.

APPLICATIONS

- Taping heads
- Winding machines
- High-speed lines

TECHNICAL DATA

MATERIAL	Carbon fibre composite
USE	Taping and winding heads
BENEFIT	Low mass, high stiffness
FIT	Standard heads and custom



TAPES, FOILS & FILMS / 05.21 / PRODUCT CATALOGUE

ROTOR BOW EQUIPMENTS & SPARE PARTS

Bows and wear parts for bunchers and stranders.

Bows for bunchers, double-twist bunchers and stranders can be supplied in carbon fibre, Kevlar, fibre-glass, steel and spring steel. Beyond general dimensions or machine models, we ask for the specific details of the bow ends.

We also provide spare and wear parts such as wear strips and ceramic bow guides, including closed-shape ceramic guides. Bows are available for Niehoff, Lesmo, Sket, Kinrei, SAMP and Setic machines, made individually with short turnaround.

APPLICATIONS

- Bunchers
- Double-twist bunchers
- Stranders
- Machine retrofits

TECHNICAL DATA

MATERIALS	Carbon fibre, Kevlar, fibre-glass, steel
MACHINES	Niehoff, Lesmo, Sket, Kinrei, SAMP, Setic
SCOPE	Bows, wear strips, ceramic bow guides
BASIS	Drawing or machine model
LEAD TIME	Short, made individually



PRODUCT FAMILY 06 / 07

06 MESH & FILTRATION

FLAMED / NON-FLAMED MESH · 1 PRODUCT

Flamed and non-flamed filter mesh, circular screen wires, spot-welded and framed filters.

Filter media for industrial screens and filtration: circular screen wires, single and multi-layer spot-welded wires, framed filter wires and braided mesh — supplied flamed or without flame, depending on the filtration duty.

PRODUCT INDEX

1 PRODUCT

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CUSTOM DIMENSIONS? REQUEST A QUOTE.

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MESH & FILTRATION / 06.01 / PRODUCT CATALOGUE

FILTER MESH — FLAMED & NON-FLAMED

Circular screen wires, spot-welded and framed — flamed on request.

Filter mesh for industrial screens and filtration, supplied in two finishes: flamed, where the surface is heat-treated for a clean, burr-free contact face, and without flame where the raw wire surface is acceptable or preferred.

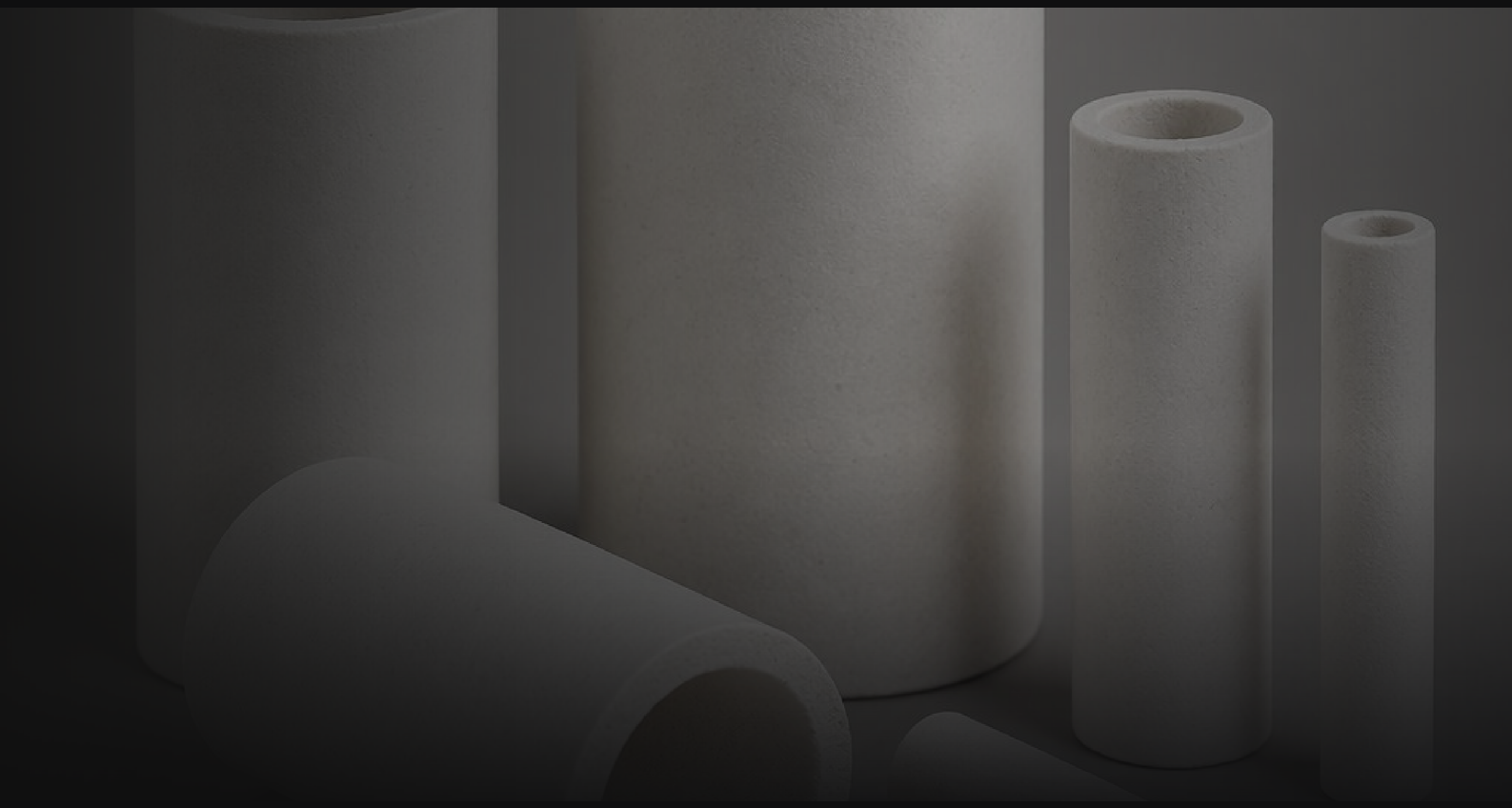
The range covers circular screen wires (flat woven discs), single and multi-layer spot-welded wires, framed filter wires with a rigid perimeter, and braided mesh. Wire grade, aperture and frame dimensions are selected for the duty — from coarse pre-filtration to fine screening.

APPLICATIONS

Industrial filtration · Screens · Polymer filtration · Process equipment

TECHNICAL DATA

MESH TYPES	Circular screen, spot-welded, framed, braided
FINISH	Flamed / without flame
LAYERS	Single and multi-layer
WIRE	Stainless steel and galvanised options
FRAMES	Custom dimensions and materials



07

PRODUCT FAMILY 07 / 07

WELDING & LINE ACCESSORIES

3" – 16" · SLEEVES · BRUSHES · TUBES · 4 PRODUCTS

Buttwelding tubes, welding sleeves, CV line gaskets and conductor cleaning brushes.

Accessories for conductor joining and continuous vulcanisation: ceramic tubes for Cu–Al butt welding from 0.35 to 500 mm², heat-resistant welding sleeves, rubber and silicone CV gaskets from 3" to 16", and rotary cleaning brushes in steel, brass and stainless steel.

PRODUCT INDEX

4 PRODUCTS

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CUSTOM DIMENSIONS? REQUEST A QUOTE.

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WELDING & LINE ACCESSORIES / 07.01 / PRODUCT CATALOGUE

TUBES FOR BUTTWELDING

Ceramic tubes for Cu–Al butt welds, 0.35 to 500 mm².

Tubes for buttwelding are used when Cu–Al stranded conductors are joined by butt welding. The ceramic tube holds the strands and contains the weld, so the joint forms cleanly across the full cross-section.

The range covers conductor cross-sections from 0.35 mm² to 500 mm². Tube size is selected for the conductor and the welding equipment.

APPLICATIONS

- Conductor welding
- Cu–Al joints
- Cable production
- Repair

TECHNICAL DATA

CROSS-SECTION	0.35 – 500 mm²
JOINT TYPE	Cu–Al stranded conductor butt weld
MATERIAL	Technical ceramic
USE	Conductor joining



WELDING & LINE ACCESSORIES / 07.02 / PRODUCT CATALOGUE

WELDING SLEEVES FOR CONDUCTORS

Protect the conductor while the joint is made.

When conductors are welded or brazed, the heat has to stay at the joint and away from the insulation. Welding sleeves shield the conductor either side of the weld, keeping the joint clean and the insulation intact.

Supplied in ceramic and heat-treated steel variants, in diameters matched to the conductor and the welding method. Reusable where the process allows.

APPLICATIONS

- Conductor welding
- Joint protection
- Cable repair
- Production lines

TECHNICAL DATA

MATERIAL	Ceramic / heat-treated steel
USE	Conductor welding and brazing
FIT	Diameters matched to conductor
OPTIONS	Reusable variants



WELDING & LINE ACCESSORIES / 07.03 / PRODUCT CATALOGUE

CONDUCTOR CLEANING BRUSHES

Clean metal before the joint — every time.

A joint is only as good as the metal under it. Conductor cleaning brushes remove oxide, drawing residue and handling contamination before welding, so the connection conducts as it should.

We supply rotary brushes with steel, brass and stainless filament in cup, wheel and arbor-mounted forms. Sizes and tuft density are chosen for the conductor and the machine, and custom brushes are built to drawing.

APPLICATIONS

- Pre-weld cleaning
- Conductor preparation
- Cable repair
- Maintenance

TECHNICAL DATA

FILAMENT	Steel, brass, stainless steel
FORMS	Cup, wheel, arbor-mounted
USE	Oxide and residue removal
CUSTOM	Dimensions and tuft density to drawing



WELDING & LINE ACCESSORIES / 07.04 / PRODUCT CATALOGUE

CV LINE GASKETS

Seal the continuous vulcanisation line, size by size.

CV line gaskets seal the press around the cable as it cures. The wrong gasket leaks, marks the sheath or wears out in days; the right one holds pressure and keeps the profile clean.

Our range covers 3" to 16" lines in rubber and silicone, with hardness from 40 to 90 durometer to match the line conditions. Wire wipes are made to the customer's cable profile.

APPLICATIONS

- CV lines
- Rubber cable
- Silicone cable
- Sheath curing

TECHNICAL DATA

LINE SIZES	3" – 16"
MATERIAL	Rubber / silicone
HARDNESS	40 – 90 durometer
WIPES	Custom to cable profile
USE	Continuous vulcanisation lines

DRUMS, CONDUCTORS AND LINE MATERIALS FOR THE CABLE INDUSTRY. BUILT IN ROMANIA SINCE 2001.

DUAKDRUMS.COM

64	7	2001
STANDARD PRODUCTS	PRODUCT FAMILIES	ESTABLISHED

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