



murrplastik®
Simply Smart Systems





Laser Systems

MP-LM 3

Automated processing of individual print jobs with a variety of labels. Can be used in the majority of industries.



1 What makes the product special?

- *High print quality even in the most challenging environmental conditions, e.g.: resistant against hydraulic fluids and mechanical abrasion.*
- *Large variety of materials such as plastic (PP, PC, foil), aluminum and stainless steel.*

2 Added value to our customers:

- *No consumables needed*
- *Filter unit provides compliance with workplace guidelines.*
- *Labels and tags for terminal blocks and devices of all major manufacturers available.*

3 Important technical information:

- *Laser Class 1: Laser not accessible during operation, safe and not an eye hazard.*
- *20 mats in approximately 25min (up to a 1000 labels).*
- *Compact design.*





Inkjet Marking System

MP-IM 1

The lightweight and compact mp-IM 1 inkjet printer can be used quickly and flexibly and is particularly suitable for small print jobs.



1 What makes the product special?

- *Due to the high printing speed and the quick-drying ink, the printed labels can be used immediately after printing.*
- *The compact design enables the device to be used directly in the production line.*

2 Added value to our customers:

- *The mp-IM 1 can be used to print all polycarbonate labels from Murrplastik.*
- *High print durability due to a special ink.*

3 Important technical information:

- *Dimensions 12.2" x 7.1" x 15" (WxHxD).*
- *Print speed: approx. 8 seconds per frame.*
- *Weight: around 13lbs.*
- *Interfaces: USB / Ethernet.*
- *CE-compliant device.*





Identification label

KME

One-piece, closed label for direct labeling of cables and wires.



1 What makes the product special?

- The soft material adapts to different diameters of cable and protects the core and jacket from damage.
- Can be used for cables with small bending radii.

2 Added value to our customers:

- 1.3mm to 4.5mm diameter range.
- No label sleeve required, KME labels are installed directly to cables/wires, which allows for more than 33% time-savings during installation.
- Option to print multiple lines of text.

3 Important technical information:

- Fire protection class V0
- Temperature range: -40°F to 212°F.
- Both laser and inkjet systems can be utilized to print onto the label.
- RoHS and REACH compliant.





Identification label

KNC

The KNC label, made of PC material was developed for the marking and direct installation on cables and wires.



1 What makes the product special?

- Tool-free installation for subsequent labelling.
- Encloses the cable, more secure.
- Back tab prevents slippage.

2 Added value to our customers:

- 3 different sizes for cable diameters from 2.0 to 5.1mm.
- Confirmation "click" sound when locking mechanism is correctly snapped in.

3 Important technical information:

- Fire protection class V0
- Temperature range: -40°F to 266°F.
- Both laser and inkjet systems can be utilized to print onto the label.
- RoHS and REACH compliant.
- Silicone free.





Identification label

KNQ

The KNQ label can be snapped firmly onto individual cables and wires, without any tools.



1 What makes the product special?

- It can be applied to already installed cables and wires.
- Optional assembly tools to facilitate frequent assembly. This same tool can be used to check the diameter of the cables.

2 Added value to our customers:

- 3 different sizes for cable diameters from 2.0 to 5.1mm.
- Tool-free installation.

3 Important technical information:

- Fire protection class V0
- Temperature range: -40°F to 266°F.
- Both laser and inkjet systems can be utilized to print onto the label.
- RoHS and REACH compliant.
- Silicon-free.





Identification label

KS 4/18

High quality, halogen-free,
universal marker.



1 What makes the product special?

- The KS 4/x label is mounted on individual cables, wires or hoses using the KT, KTH, KTH/Q label sleeves or the KM, KMH, KMH/Q or KTN label holders.

2 Added value to our customers:

- Available in a wide variety of lengths and colors.
- Appropriate for a large range of applications due to the number of available sleeves and holders. which allows slip-on installation, affixing by adhesion or fastening with cable ties.

3 Important technical information:

- Fire protection class V0.
- Temperature range: -40°F to 266°F.
- Both laser and inkjet systems can be utilized to print onto the label.
- RoHS and REACH compliant.
- Silicon-free.





Robotic Holding System

FHS-Set

The flexible holder system FHS is the only modular holder system that offers a secure hold, non-slip grip and variable widths.



1 What makes the product special?

- Suitable for a large number of cobots and small robots.
- Easy adjustable during running cycles and maintenance.
- Low profile solution.
- Approved by cobot manufacturers.
- Available retraction system.

2 Added value to our customers:

- Tool-free assembly.
- Robot specific and universal sets available.
- Increase in service life compared to conventional solutions.
- Time savings during maintenance.

3 Important technical information:

- Silicon-free version available.
- Secure grip without slippage.
- Safe routing of essential hoses and cables.
- Protection from sharp edges.





Conduit Fitting

M-PRO

The premium conduit fitting series M-PRO impresses with its high protection rating and interior design that protects the cables from snagging.



1 What makes the product special?

- Rating up to IP68 at 6 bar and IP69K sealing compensates for conduit tolerances.
- Gentle on cables, without sharp edges. Smooth on the inside and at thread exit.
- Very high packing density.
- Tool-free assembly and disassembly.

2 Added value to our customers:

- Reduced assembly time.
- Cost reduction through high product packing density.
- Appropriate for virtually every application.

3 Important technical information:

- EN 45545-2 3x HL3.
- Fire protection class UL94 V0.
- ECE 324 R 118 Annex 6+8.
- UL recognized.
- UV-resistant.
- NFPA 130.





One-piece conduit holder

UHE

Hinged one-piece conduit holder. No more lost caps. For easy installation of conduit on machines.



1 What makes the product special?

- *Quick install with a single mount hole.*
- *Suitable for overhead installation as conduit can be snapped in.*
- *High packing density.*

2 Added value to our customers:

- *Highest holding force conduit holder.*
- *Time-saving pre-assembly.*
- *No loose parts.*

3 Important technical information:

- *EN 45545-2 3x HL3.*
- *Fire protection class UL94 V0.*
- *ECE 324 R 118 Annex 6+8.*
- *UL recognized.*
- *UV-resistant.*





Braided hose connections

SAT-GF

The SAT-GF serves as a termination for the braided hoses GF and GF-P. It consists of an outer sleeve and a divisible inner sleeve, which also makes it retrofittable.



1 What makes the product special?

- *Clean finish for braided hoses.*
- *Attaching of the braided hose with holder and screw connections (control cabinet, control cabinet door, etc.).*

2 Added value to our customers:

- *Tool-free assembly*
- *Seamless insertion of the braided sleeve into a housing.*
- *Lightweight cable protection.*

3 Important technical information:

- *EN 45545-2 3x HL3.*
- *Fire protection class UL94 V0.*
- *NFPA 130.*





Conduit

EWL-PAB

The EWL-PAB cable protection conduit is characterized by excellent self-extinguishing properties and high impact resistance. Suitable for a variety of applications.



1 What makes the product special?

- High fire protection rating.
- High crush and impact resistance.
- For indoor and outdoor use.
- Available in rolls, drums and octabins.

2 Added value to our customers:

- A conduit for almost any application
- Approvals allow for a wide range of applications.
- Drums can easily be integrated into current storage systems.

3 Important technical information:

- EN 45545-2 3x HL3.
- Fire protection class UL94 V0.
- UL recognized.
- ECE 324 R 118 Annex 6+8.
- NFPA 130.
- ECOLAB





Cable Entry System

KDL/E+

Flexible cable entry system for introducing pre-assembled cables with a closed frame at the top.



1 What makes the product special?

- Stackable.
- High packing capacity.
- Good integrated strain relief.
- Railway approval EN455545.
- Flat, sleek, smart design.

2 Added value to our customers:

- Easy to cross for icotek KEL-System.
- Easy assembly.
- Very large selection of grommets.
- Competitive price.
- No edges that collect grime/dust.

3 Important technical information:

- Protection class: IP 65 (IP 66 with appropriate grommets).
- Temperature range: -40°F to 212°F.
- Fire protection class V0.
- RoHS compliant
- UV resistant.





Cable Entry System

KDP/Z & KDP/ZR

Low profile cable entry plate with a double-material design and attractive technical properties.



1 What makes the product special?

- *Very high packing capacity.*
- *Good integrated strain relief.*
- *Can be screwed and some, snapped in.*
- *Very low profile design.*
- *Wide range of variants to choose from.*

2 Added value to our customers:

- *Easy cross for icotek KEL-System.*
- *Easy assembly.*
- *Competitive price.*
- *No edges that collect grime/dust.*

3 Important technical information:

- *Protection class: IP 66/67.*
- *Temperature range: -40°F to 212°F.*
- *Fire protection class V0.*
- *RoHS compliant*
- *UV resistant.*



Do you have any questions?
Let us answer them personally.

Phone: +1(513) 201-3069

Email: customerservice@murrplastik.com

murrplastik.com

