TECHNICAL DATA SHEET

# Loops for Sausages

International Clip supplies **polypropylene** loops in two families: **loops on reels**, for in-line use on IC clipping machines via the loop inserter (dedicated accessory), and **pre-cut manual loops**. IC loops comply with Regulations (EC) No 1935/2004, (EC) No 2023/2006, (EU) No 10/2011 and with FDA 21 CFR 177.1520 for food contact, with a strength of up to **20 kg** in reinforced double-knot models.

**(EC) 1935/2004 · (EC) 2023/2006**
**(EU) 10/2011**
**Food contact materials**

**FDA 21 CFR 177.1520**
**US regulatory compliance**

**Strength up to 20 kg**
**Reinforced double knot**

LOOP TECHNICAL DRAWING

## Geometry and dimensional parameters

Loops on reels are described by the parameters **A** (pitch between loops), **B** (carrier width), **C** (carrier height) and **D** (total loop length). Manual loops are described by **B** (body length) and **D** (total length).

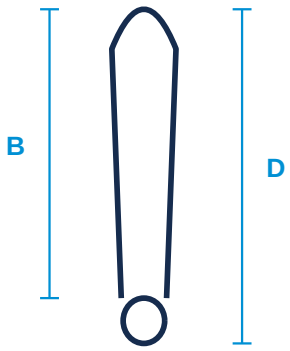


Fig. 1 — Pre-cut manual loop

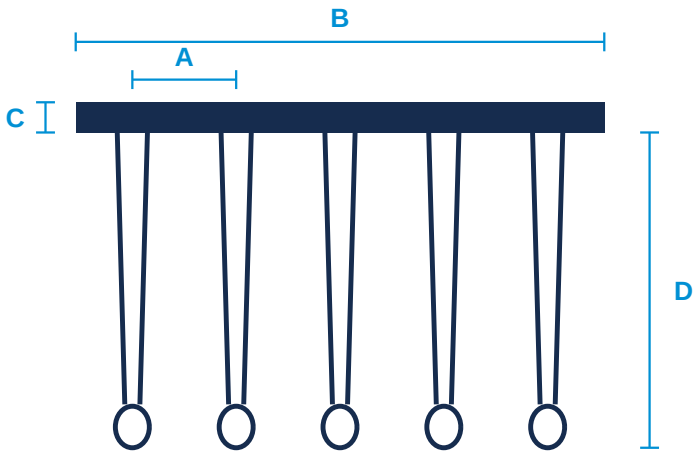


Fig. 2 — Loops on reel (continuous carrier)

| Parameter | Symbol | Description | Notes |
|---|---|---|---|
| Pitch | **A** | Distance between consecutive loops on the carrier | Loops on reels only |
| Carrier width | **B** | Width of the carrier or length of the loop body | Reels and manual |
| Carrier height | **C** | Height of the carrier | Loops on reels only |
| Total length | **D** | Overall loop length, from attachment to knot | Reels and manual |

TWO LOOP FAMILIES

## Product range

| Family | Description | Use |
|---|---|---|
| **Loops on reels** | Fed in-line directly from the reel. 2, 3 or 4 threads, single knot or reinforced double knot. Strength up to 20 kg. | IC clipping machines with loop inserter — industrial production |
| **Pre-cut manual loops** | Pre-cut in standard or custom lengths. Single or double knot. | Artisan production, small batches, irregularly shaped products |

MATERIAL

## Polypropylene

| Features | Advantages | Ideal use |
|---|---|---|
| Synthetic fibre. Maximum tensile strength and moisture resistance. | Very high durability. Hygienic. Resistant to grease and moisture. | Industrial production, humid environments, heavy products |

CUSTOMISATION OPTIONS

## Standard and made-to-order range

| | |
|---|---|
| **Standard colours** | Beige, blue, red, yellow, green, black, white, grey, two-colour, three-colour — available from stock |
| **Custom colours** | Corporate colour or specific colour on request (minimum order quantity applies) |
| **Number of threads** | 2, 3 or 4 threads for loops on reels — depending on product weight |
| **Knot type** | Single knot (standard) or reinforced double knot (heavy-duty, up to 20 kg) |
| **Lengths** | Standard and custom lengths on request for manual loops |

FOOD CONTACT COMPLIANCE

## Reference regulations

| | |
|---|---|
| **Reg. (EC) No 1935/2004** | Materials and articles intended to come into contact with food — general EU framework |
| **Reg. (EC) No 2023/2006** | Good manufacturing practice (GMP) for materials intended to come into contact with food |
| **Reg. (EU) No 10/2011** | Plastic materials and articles intended to come into contact with food |
| **FDA 21 CFR 177.1520** | Olefin polymers (polypropylene) for food contact — requirement for export to the United States |