PRODUCT DATASHEET
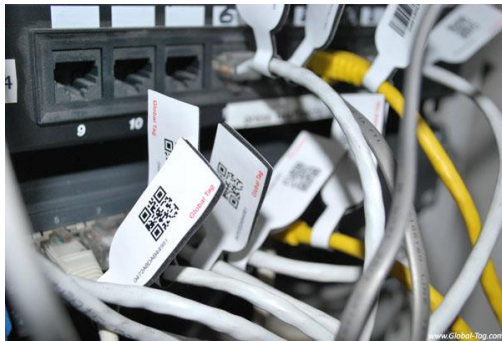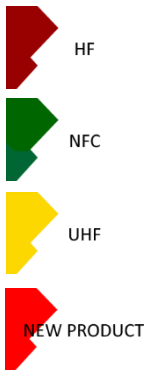# GLOBAL TAG FIBERY

Global Tag **FIBERY** is a transponder especially designed for traceability, maintenance and control of cables. Available in HF, NFC or UHF frequency, it can be mounted on the cables thanks to its wrap-around structure.

It is available in 3 different sizes, but new formats can be developed together with the customer, for specific project requirements.
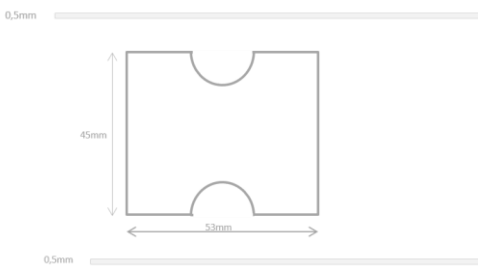
FIBERY can be supplied with many different customizations as SN, QRCode, barcode and logo printing. It can be delivered in individual format or in reel.
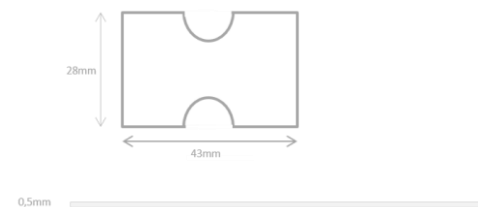
HF

NFC

UHF

NEW PRODUCT

RoHS Compliant

MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 115x20x0,5mm (extended) - 55x20x1mm (wrapped)

Dimensions: 45x53x0,5mm (extended) - 45x20x1mm (wrapped)

Dimensions: 28x43x0,5mm (extended) - 28x15x1mm (wrapped)

Mounting System: Adhesive 3M 467 (other type of adhesive on request)

Weight: 0,5gr; 0,3gr; 0,7gr

Material: PET Glossy (for Label) – Foam with3M 467 adhesive

Color: White label; white or black foam

Class Protection: IP65 (Limited protection against dust ingress. (no harmful deposit), / Protection from splashed water)

Storage Temperature: -10°C to +50°C / -40°F to +176°F

Operating Temperature: -10°C to +50°C / -13°F to 149°F

Weather Ability: Very Good,

Delivery format: Individual or in reel (optional)

Expected lifetime: Some years in normal operating conditions

CHIP SPECIFICATION AVAILABLE

	HF 13,56MHz	UHF 860-960MHz
Device type	N.D.	Class 1 Gen 2
Air interface protocol	ISO14443 and ISO15693 and **NFC**	ISO18000-63
IC Type Available	I-Code SLIX, Mifare Ultralight, Mifare Classic 1K, N-tag213, Ntag216, others on-request	Alien Higgs9, NXP U-Code8, NXP U-Code9, others on-request
Read Range	From 2 to 15cm	Up to 1meters

CUSTOMIZATION OPTIONS

Silk Printing: 4-colors printing logo, Serial UID, serial progressive number from database, randomize number from database, text and Barcode / QRCode. Other customizations on request.

Pre-Encoding: Customer specific encoding of EPC or User Memory (also from Database). Locking, permanently or with password. Insert into Database TID code.

INSTALLATION MODE

With 3M 467MP Adhesive model: when mounting the tag with adhesive background, clean and dry the surface to obtain the maximum bond strength.

APPLICATION NOTE

Optical Fiber Maintenance and control
Cable Tracking and checking

ORDER INFORMATION

PRODUCT CODE: GT-FBRY-xx   (xx defined type of chip required)

For other information or customized request:
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DISCLAIMER