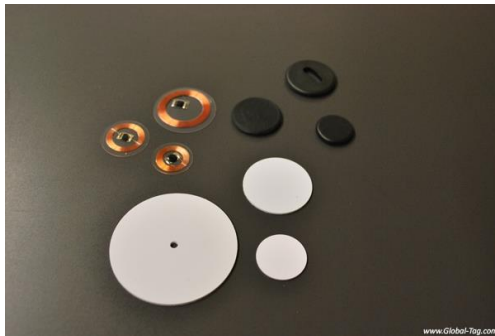


PRODUCT DATASHEET

GLOBAL TAG DISKY



Global Tag **DISKY** Tag is a large family of transponder with circular form with different features for different applications use.

CLEAR DISKY is a low cost solution with visible antenna and slim thickness.

WHITE DISKY is a PVC transponder with printing options available and good quality in form.

BLACK DISKY is a high temperature resistance tag with or without hole.

Global Tag **DISKY** Tag are available in LF, HF (also NFC) frequency



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

CLEAR DISKY

Dimensions: Ø20 to 40mm diameter (step of 2mm) / Ø0,78in to 1.57in diameter (step of 0,08in)

Thickness: 0,60mm / 0,023in

WHITE DISKY

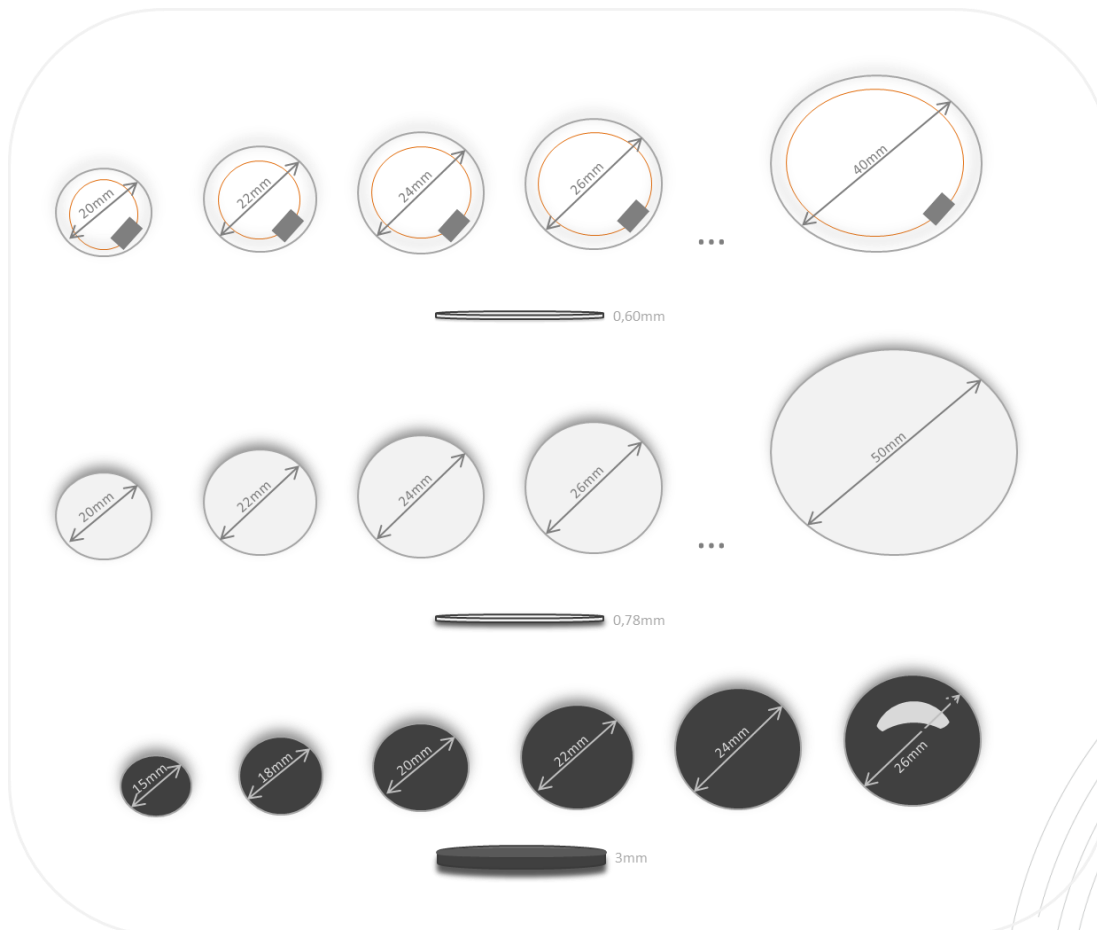
Dimensions: Ø20 to 50mm diameter (step of 2mm) / Ø0,78in to 1,96in diameter (step of 0,08in)

Thickness: 0,78mm / 0,03in

BLACK DISKY (High Temperature)

Dimensions: Ø9mm, 13mm and Ø18 to 24mm diameter (step of 2mm) / Ø0,59in and Ø0,71in to 0,94in diameter (step of 0,08in)
 Ø26mm with oval hole / Ø1,02in with oval hole Ø30mm with middle hole / Ø1,07in with oval hole

Thickness: 3mm / 0,118in





CLEAR DISKY

Mounting System: Optionally adhesive 3M 467 (or similar on request). Optionally Foam 2or 3mm

Weight: 2 to 10gr. Depend size tag.

Material: PET

Color: transparent (antenna visible)

Class Protection: IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

Storage Temperature: -55°C (for 3h) to +120°C (for 2h in the oven) / -67°F (for 3h) to +248°F (for 2h in the oven)

Operating Temperature: -25°C to +85°C / -13°F to +185°F

Delivery format: Singulated

Expected lifetime: Years in normal operating conditions

WHITE DISKY

Mounting System: Optionally adhesive 3M 467 (or similar on request). Optionally Foam 2or 3mm

Weight: 2 to 10gr. Depend size tag.

Material: PVC

Color: generally white, available on demand other colors (MOQ can be request)

Class Protection: IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

Storage Temperature: -55°C to +65°C / -67°F to +149°F

Operating Temperature: -25°C to +50°C / -13°F to +122°F

Delivery format: Singulated

Expected lifetime: Years in normal operating conditions

BLACK DISKY

Mounting System: in Ø 15mm, Ø26mm Ø30mm hole to rivet.

Weight: 3 to 10gr. Depend size tag.

Material: PPS (Polyphenylene Sulfide) High temperature resistance

Color: generally Black color

Class Protection: IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

Storage Temperature: -55°C to +200°C / -67°F to +392°F

Operating Temperature: -25°C to +90°C / -13°F to +194°F

Delivery format: Singulated

Expected lifetime: Years in normal operating conditions

CHIP SPECIFICATION AVAILABLE

	LF 125Khz	HF 13,56MHz
Device type	N.D.	N.D.
Air interface protocol	N.D.	ISO14443 and ISO15693 and NFC
IC Type Available	TK4100, T5577, other on request	I-Code SLIX, Mifare Ultralight, Mifare Classic 1K, Ntag213, Ntag216, other on-request
Size Inlay		
Read Range	Up to 10cm	Up to 10cm

CUSTOMIZATION OPTIONS

Printing laser engraving (available only for Black DISKY) : Serial UID, serial progressive number from database, randomize number from database text. Other customization on required.



Silk Printing (available only for WHITE DISKY): 4-colors printing logo (depends from logo type)

Pre-Encoding: Customer specific encoding LF or HF (ISO15693 or ISO14443) user memory. For NFC chip encoding memory with different type of NFC (E-mail, URI etc.)

INSTALLATION MODE

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

For more information about adhesive check at this link: <http://multimedia.3m.com/mws/media/1040640/high-performance-adhesive-transfer-tapes-with-3m-adhesive-200mp.pdf>

With Foam 2 or 3mm: when mounting the tag on irregular surface you can use foam 2or 3mm with one side 3M 467 adhesive.

For more information about adhesive check at this link: <http://multimedia.3m.com/mws/media/1040640/high-performance-adhesive-transfer-tapes-with-3m-adhesive-200mp.pdf>

APPLICATION NOTE

Item-level managing

High Temperature application request

Laundry application

ORDER INFORMATION

Standard product **CLEAR DISKY**

PRODUCT CODE: GT-DSKYC\$\$-xx (\$\$ defined diameter size xx defined type of chip required)

Standard product **WHITE DISKY**

PRODUCT CODE: GT-DSKYW\$\$-xx (\$\$ defined diameter size xx defined type of chip required)

Standard product **BLACK DISKY**

PRODUCT CODE: GT-DSKYB\$\$-xx (\$\$ defined diameter size xx defined type of chip required)

3M 467 adhesive optionally has code:

PRODUCT CODE: GT-3M_467

Foam adhesive optionally has code:

PRODUCT CODE: GT-FOAM2_\$\$ Foam material circular with 2mm thickness (\$\$ defined diameter size)

PRODUCT CODE: GT-FOAM3_\$\$ Foam material circular with 3mm thickness (\$\$ defined diameter size)

On demand we can also produce transponder with different color or with other type of customization... contact us for more information:

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DISCLAIMER

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Application recommendations are guidelines only - actual results may vary and should be confirmed. This is a general purpose product not designed or intended for any specific application.

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