

tags & source tagging

RF Label Catalog 2010

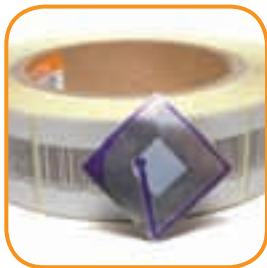
nedap
RETAIL

Contents

2	Contents
5	Technical information
11	Article Numbers RF Labels
15	Standard RF Labels
16	NT 2350
17	NT 2350-4k
18	NT 3030
19	NT 3040
20	NT 3048
21	NT 3057
22	NT 3057-3
23	NT 4030
24	NT 4040
25	NT 4040 - 2K
26	NT 4040 - 4K
27	NT 4040 - 8K
28	NT 4040 No Glue
29	NT 4830
30	NT 5023 M
31	NT 5023 - 4K
32	NT 5023 - 8K
33	NT 5248
34	NT 5248 RD
35	NT 5730
36	Special shape RF Labels
37	NT-S 40
38	NT-S Heart
39	NT 4040 FR
40	NT-S 5022
41	NT-S 5023
42	NT-S 5252 CD
43	NT-S 5252 CD RD

Labels & tags

THERE'S NO USE MAKING GREAT SECURITY SYSTEMS IF YOU DON'T MAKE GREAT LABELS AND TAGS. THERE'S NO POINT BEING MODEST: WE SIMPLY BELIEVE WE MAKE THE WORLD'S BEST PAPER RF LABELS. THE PURPLE ONES, YOU'LL RECOGNIZE THEM. AND FURTHERMORE, OUR BROAD EXPERIENCE IN SECURITY GIVES US THE OPPORTUNITY TO ACTIVELY ADVISE OUR CUSTOMERS HOW TO BEST USE LABELS AND TAGS IN GENERAL. WE CAN HELP YOU IMPROVE YOUR TAGGING PROCESS BY ADVISING YOUR SUPPLIERS ON ATTACHING THE LABELS BEFORE THE PRODUCTS REACH YOUR STORES. SAVES TIME, IMPROVES CUSTOMER SATISFACTION, INCREASES SALES. AS EASY AS THAT.



source tagging

Source tagging is the application of EAS security tags at the source. Suppliers or manufacturers tag the products before shipping them to the retailer. For you, source tagging eliminates the labor cost of applying the labels, and gets your merchandise on the shelf faster. The benefit to the supplier lies in aesthetics: security labels are applied inside product packaging, preserving its attractive appearance. Source tagging makes labels easier to conceal and harder to remove. Let Nedap's experts improve your source tagging process.

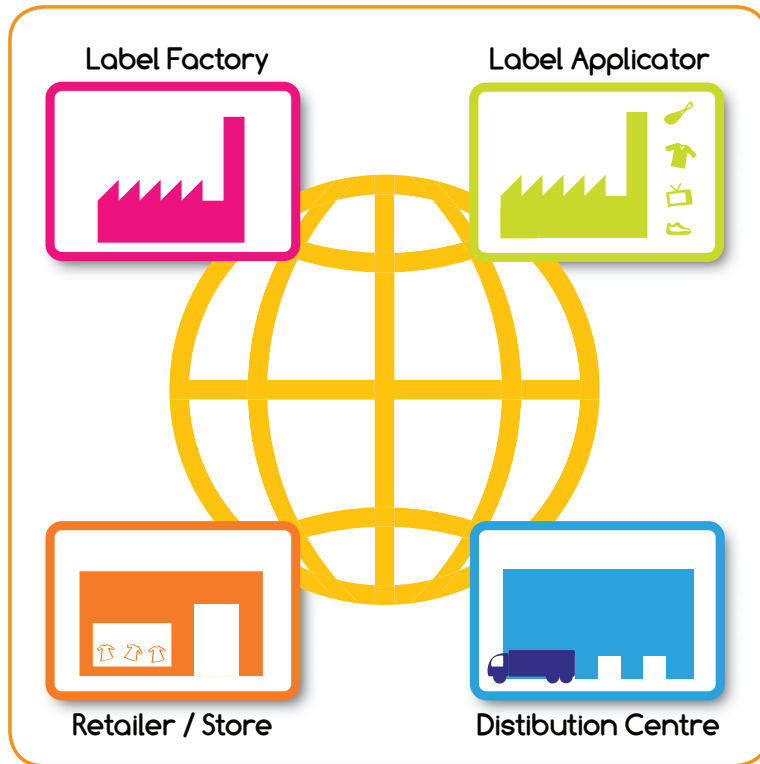
examples



Nedap RF labels are fully tested against all specifications. They can be used as drop-in labels or be integrated into price tags and woven labels.

quality control

Because we know that a chain is only as strong as its weakest link, we have specialized in managing all steps in the tagging process. We are the only manufacturer that checks the quality of each and every label before use. And we don't stop there. Our labels are also checked after application, after shipping and when they are deactivated at the cash register. We have developed intelligent deactivators just for this purpose.



1 > manufacture

All labels are tested according to international standards. Defective labels are replaced by functioning labels. Every roll of Nedap paper labels is 100% tested and guaranteed to work.

2 > application

When labels are applied, they're tested again. If application affects the label's quality, this is immediately detected.

3 > distribution

Shipping and storage of the tagged products can also affect label quality. Label quality is once again tested in the distribution center.

4 > store

A final quality check is done when the security label is deactivated in the store. This test shows whether the tag has been successfully deactivated.

Technical information

100% TESTED

All Nedap RF labels are tested by special designed Nedap Label Testers.

The tests are based on four important factors:

- Resonance frequency
- Effective signal volume
- Quality factor
- Deactivation sensitivity

There are no interruptions in the tape- and label feed.

DEACTIVATION

All labels can be ordered as deactivatable- or non-deactivatable labels. Deactivatable labels can be deactivated by standard Nedap 8.2 MHz deactivators.

DEACTIVATION FIELD STRENGTH

The deactivation field strength of the labels is between 0.3 - 1.5A/m .

GAP BETWEEN TAGS (FIG. 1)

- Gap dimension between labels : $2.5^{+0.1}$ mm

ROLL DIMENSIONS

Dimensions of the roll are depending on the measurements of the labels.

CARDBOARD CORE (FIG. 1)

The standard core is suitable for the most label printers and is made of 4mm cardboard..

- Core diameter : $\varnothing 76.2^{+0.2}$ mm
- Core thickness : $4.0^{+0.2}$ mm

IDENTIFICATION (FIG. 2)

All Nedap labels can be recognized by :

- Pantone color PMS2627U (purple) of the wiring
- A special code, prefix 't' followed by a second character. This second character is a manufacturing code, determined by Nedap. Also printed in PMS2627U.

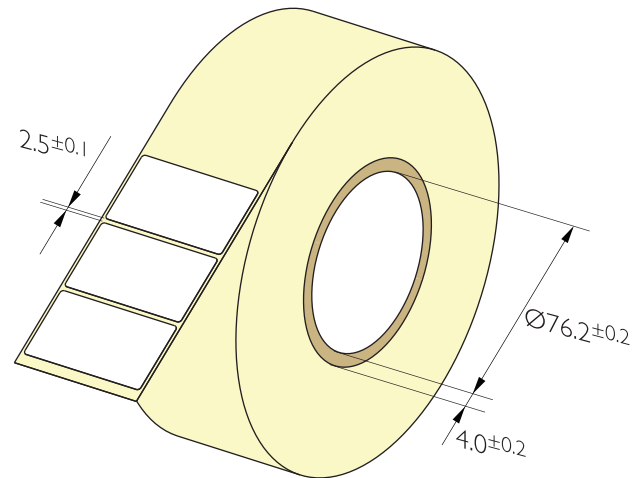


fig. 1

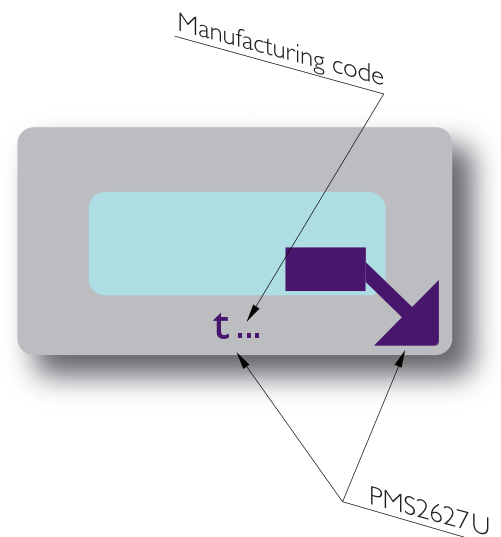


fig. 2

BENDING / FOLDING

- Avoid bending or folding RF-Labels. Bending a tag will affect the performance.
- Folding can destroy or will affect the performance of a RF-Label.



ELECTROSTATIC DISCHARGE

- Electrostatic discharge during packing, printing, integration in price tickets and woven labels, transport, etc. can destroy or affect the performance of the tag.



TEMPERATURE

- The working temperature range is between 5°C and 40°C.
- Maximum temperature for the electrical circuit is 85°C, however temperatures above 40°C can affect the properties of the glue used.
- Shelf life = 2 years.



HUMIDITY

- Do not expose to humidity.
- Contact with fluids should be avoided.
- Humidity should be between 30% and 85%, not condensing.
- Products filled with fluids can affect the performance.



METAL

- RF labels will not function properly on metal surfaces or on materials containing metal.



PUNCHING / CUTTING

- Punching or cutting will destroy the RF-Label.



Technical information

LINER

The liner is yellow or blue and can be used with gap sensors to determine gaps between labels.

There may not be any interruptions in the tape- and label feed.

LINER THICKNESS

Paper : >85 gr/m²

SPLICE IN LINER

A splice in the liner is not preferable. When necessary, a tape is used as shown in figure 3.

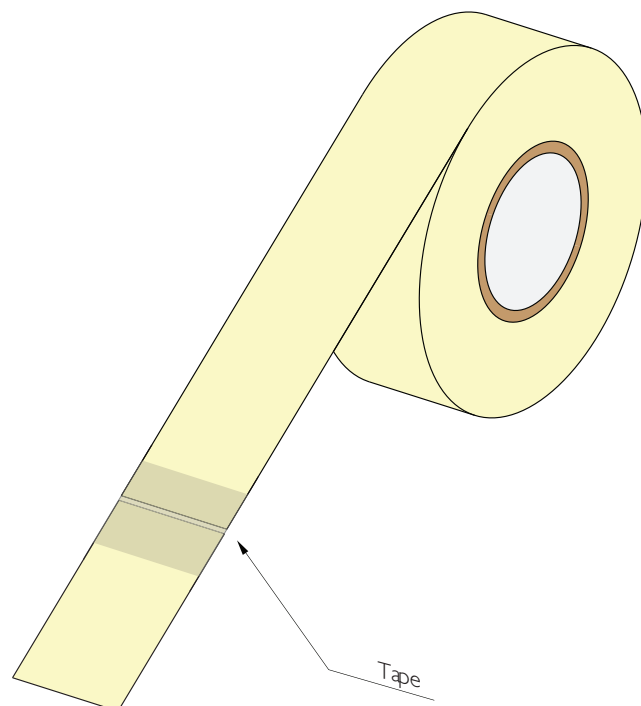


fig. 3

PAPER : WHITE LABELS

White labels often are used for on-site printing with thermal transfer printers. Therefore the thickness of the paper used is $>105\text{gr/m}^2$ paper.

If the paper is too thin, the wiring will be visible in the print and the print will not be completely visible, due to the pressure of the printhead. (fig. 4)

PAPER : PRINTED LABELS

Paper thickness: $>105\text{gr/m}^2$

BARCODES

Nedap labels can be supplied with a pre-printed fake barcode which will not be recognized by barcode scanners. Printed in ink.

PRINTING

Standard white Nedap labels, except the paperless labels, can be printed by use of a thermal transfer printer or ink printing technology.

Printing by thermal direct technology is an option.

THERMAL TRANSFER PRINTING FORMAT

Color coding : RGB or CMYK

File format : Adobe Illustrator, PDF, JPEG or TIFF)

INK PRINTING

Color coding : Pantone Matching System (PMS)

File formats : Preferred are vector orientated files like Adobe Illustrator, EPS or PDF

TEXTS AND LOGO'S

Texts and logo's can be pre-printed on request.

ADHESIVES / GLUE

Used adhesives are pressure sensitive and can be ordered as permanent (standard) or semi-permanent (option) with several adhesive strengths.

Drop-in labels without adhesives are available on special request.

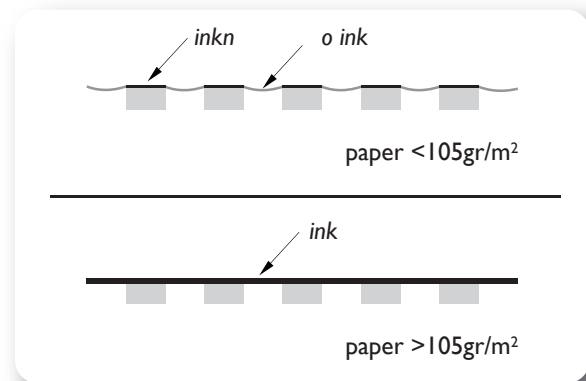


fig. 4 Thermal transferprinting

Technical information

LOGISTICS

All manufactured and tested rolls are fitted with two labels inside the cardboard core:

- Type label

TYPE LABEL (FIG. 5)

Label with important data for recognition of the roll and RF labels. Information on the type label:

- Series : Type name of the RF label
- Product No : Unique product identification and production date code of the roll
- Art. No. : Nedap article number
- Qty : Quantity of RF labels

BOX LABEL (FIG. 6)

The box label contains all information about the content in the box.

- Product : Type name of the RF label
- Date : Manufacturing date
- Art. No. : Nedap article number
- Frequency : Frequency of the RF label
- D/ND : Type of RF label, Deactivatable (D) or Non-deactivatable (ND)
- Quantity : Amount of rolls in the box
- W : White RF label
- BL : Black RF label
- BC : Barcode on RF label
- Quantity/roll : Amount of RF labels in a roll
- Total : Total number of RF labels in a box

EXAMPLE RF LABEL

For quick identification of the content, an example RF label is placed under the box label.

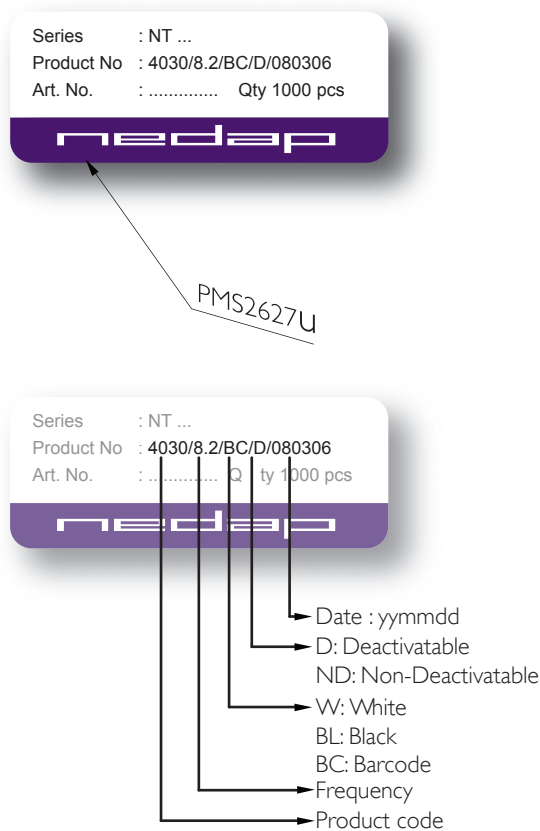


fig. 5

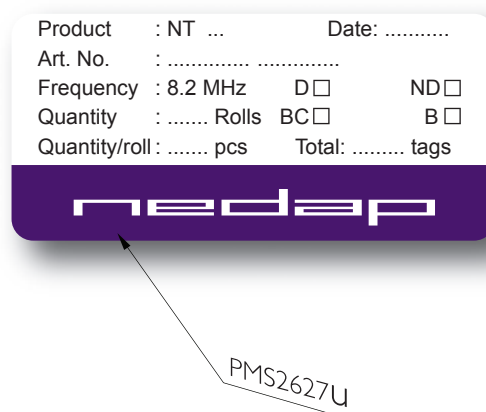


fig. 6

ABOUT THE NAMING SYSTEM

All Nedap labels are recognizable by their name, starting with the prefix 'NT'.

STANDARD LABELS

Standard Nedap labels start with 'NT' followed by a four or five digit number. Standard labels are rectangular shaped.

The number after the prefix corresponds with the size of the label, starting with the width of the label on the roll.

Example: NT4030 is a rectangular label 40x30mm. The label is wide edge leading (40mm) on the roll.

SPECIAL LABELS / NON-RECTANGULAR LABELS

All other shapes or special Nedap labels are starting with the prefix 'NT-S' followed by a number and / or other suffixes.

Example: NT-S40 is a special shaped label (round), with a width (in this case diameter) of 40mm.

Example: NT-S5252-CD is a special rectangular label used for CD's / DVD's. Due to the triangular wiring of the label this is a special label (fig. 8).

SUFFIXES

Suffixes in the name explain special features.

- [x] : Number of rows on a roll (standard : 1 row)
- [x]k : [x].000 labels on a roll
- M : Label for mascara purposes
- CD : Label made for CD / DVD purposes
- RD : Label with a red dot
- C[xx] : Cardboard core diameter ([xx] in mm)
- PI : Post-It adhesive
- TD : Thermal Direct
- FR : Freezer label
- Y : Yellow paper

Customer specific labels are marked with special suffixes.

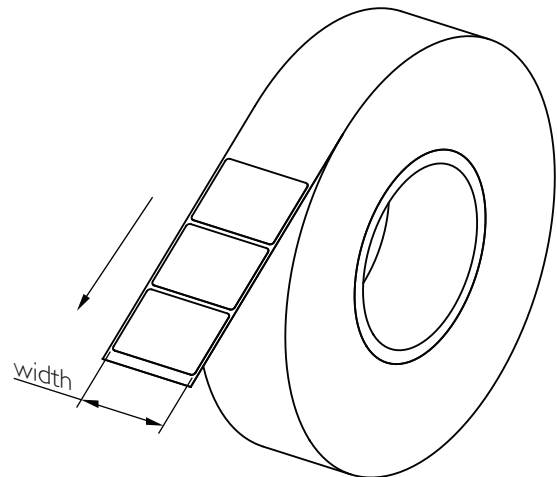


fig. 7 NT4030 (Wide edge leading)

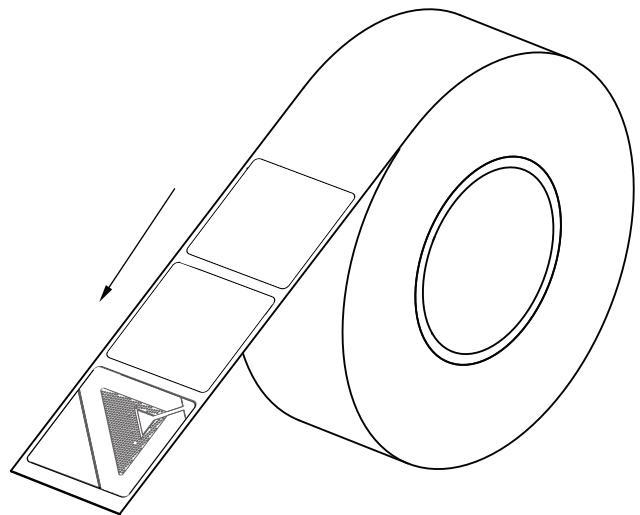


fig. 8 NT-S5252 CD

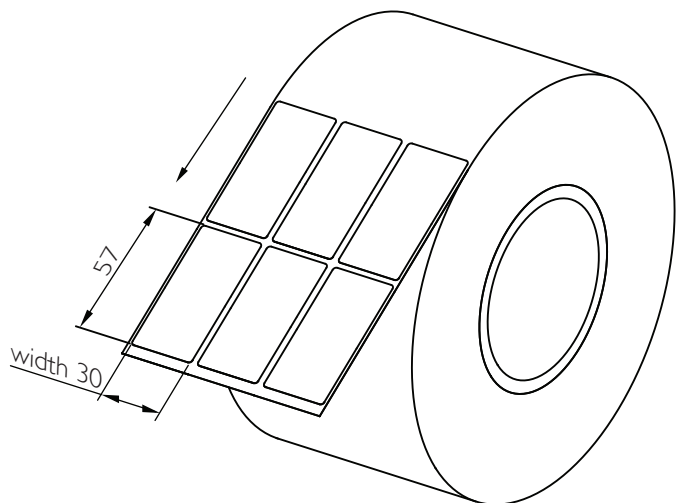


fig. 9 NT3057-3 (3 rows, narrow edge leading)

Article Numbers RF Labels

WEL : Wide Edge Leading
NEL : Narrow Edge Leading

E.V. : Effective Volume

PART #	DESCRIPTION	DATA SHEET	ROLL-/BOXMARK	ORIENTATION	PA- PER	GLUE	ROLL/BOX	CORE Ø	REMARKS
NT-S5022 50x22mm label Q>60 E.V.>0,55 Liter									
9934375	RF-Label 50x22, White	NT-S5022	NT-S5022/W/D	WEL / 1row	105gr	Standard 28/7,6	1k / 20K	76.2mm	Special shape
NT-S5023 50x23mm Oval label Q>55 E.V.>0,55 Liter									
9934456	RF-Label 50x23, Oval shape, White	NT-S5023	NT-S5023/W/D	WEL / 1 row	105 gr	Standard 28/7,6	1k / 20K	76.2mm	Special oval shape
NT2350 23x50mm Label Q>55 E.V.>0,65 Liter									
9943501	RF-Label 23x50mm, White, 4000/Roll	NT2350	NT2350/W/D/4k	NEL / 1 row	105 gr	Standard 28/7,6	4k / 20K	76.2mm	
NT5023-M 50x23mm Mascara label Q>55 E.V.>0,65 Liter									
9928685	RF-Label 50x23, black, Post-it glue	NT5023-M	NT5023-M/BL/D/PI	WEL / 1row	105gr	Post-it 4/1.1	1k / 20K	76.2mm	8.1MHz+/-4%
9928677	RF-Label 50x23, black	NT5023-M	NT5023-M/BL/D	WEL / 1row	105gr	Standard 28/7,6	1k / 20K	76.2mm	8.1MHz+/-4%
9928693	RF-Label 50x23, White	NT5023-M	NT5023-M/W/D	WEL / 1row	105gr	Standard 28/7,6	1k / 20K	76.2mm	8.1MHz+/-4%
9928707	RF-Label 50x23, White, Post-It glue	NT5023-M	NT5023-M/W/D/PI	WEL / 1row	105gr	Post-it 4/1.1	1k / 20K	76.2mm	8.1MHz+/-4%
NT5023 50x23mm label Q>55 E.V.>0,65 Liter									
9935789	RF-Label 50x23, White, 4000/roll	NT5023-4k	NT5023/W/D/4K	WEL / 1row	105gr	Standard 28/7,6	4k / 20K	76.2mm	
9938095	RF-Label 50x23, White, 8000/roll	NT5023-8k	NT5023/W/D/8K	WEL / 1row	105gr	Standard 28/7,6	8k / 40K	76.2mm	
NT3030 30x30mm label Q>55 E.V.>0,5 Liter									
9920684	RF-Label 30x30, Barcode	NT3030	NT3030/BC/D	NA / 1 row	105gr	Standard 28/7,6	1k / 20K	76.2mm	
9920706	RF-Label 30x30, Barcode, Non-deactivatable	NT3030	NT3030/BC/ND	NA / 1 row	105gr	Standard 28/7,6	1k / 20K	76.2mm	
9920692	RF-Label 30x30, White	NT3030	NT3030/W/D	NA / 1 row	105gr	Standard 28/7,6	1k / 20K	76.2mm	
9920714	RF-Label 30x30, White, Non-deactivatable	NT3030	NT3030/W/ND	NA / 1 row	105gr	Standard 28/7,6	1k / 20K	76.2mm	
9934383	RF-Label 30x30, White, 2 rows	NT3030-2	NT3030-2/W/D	NA / 2 rows	105gr	Standard 28/7,6	2k / 20K	76.2mm	
9935002	RF-Label 30x30, White, Core-40mm	NT3030 W D C40	NT3030/W/D/C40	NA / 1 row	105gr	Standard 28/7,6	500/10K	40mm	
NT3040 30x40mm label Q>60 E.V.>0,8 Liter									
9923845	RF-Label 30x40, White	NT3040	NT3040/W/D	NEL / 1 row	105gr	Standard 28/7,6	1k / 20k	76.2mm	
9923853	RF-Label 30x40, White, 3 rows	NT3040-3	NT3040-3/W/D	NEL / 3 rows	105gr	Standard 28/7,6	3k / 30k	76.2mm	

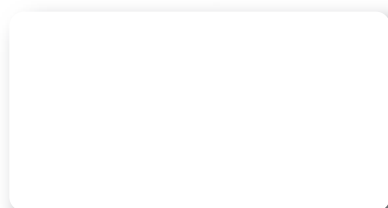
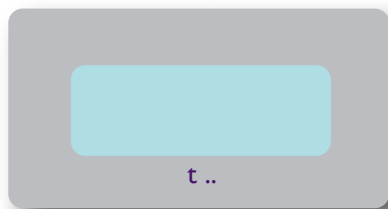
PART #	DESCRIPTION	DATA SHEET	ROLL-/BOXMARK	ORIENTATION	PA- PER	GLUE	ROLL/BOX	CORE Ø	REMARKS
NT4030 40x30mm label Q>60 E.V.>0,8 Liter									
9920722	RF-Label 40x30, Barcode	NT4030	NT4030/BC/D	WEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9920757	RF-Label 40x30, Barcode, Non- deactivatable	NT4030	NT4030/BC/ND	WEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9920749	RF-Label 40x30, White	NT4030	NT4030/W/D	WEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9920765	RF-Label 40x30, White, Non-deacti- vatable	NT4030	NT4030/W/ND	WEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
NT3048 30x48mm label Q>60 E.V.>1,2 Liter									
9932623	RF-Label 30x48, White	NT3048	NT3048/W/D	NEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
NT4830 48x30mm label Q>60 E.V.>1,2 Liter									
9920773	RF-Label 48x30, Barcode	NT4830	NT4830/BC/D	WEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9920790	RF-Label 48x30, Barcode, Non- deactivatable	NT4830	NT4830/BC/ND	WEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9920781	RF-Label 48x30, White	NT4830	NT4830/W/D	WEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9920803	RF-Label 48x30, White, Non-deacti- vatable	NT4830	NT4830/W/ND	WEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
NT3057 30x57mm label Q>65 E.V.>1,3 Liter									
9923829	RF-Label 30x57, White	NT3057	NT3057/W/D	NEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9923837	RF-Label 30x57, White, 3 rows	NT3057-3	NT3057-3/W/D	NEL / 3 rows	105gr	Standard 28/7.6	3k / 30K	76.2mm	
NT5730 57x30mm label Q>65 E.V.>1,3 Liter									
9920811	RF-Label 57x30, Barcode	NT5730	NT5730/BC/D	WEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9920838	RF-Label 57x30, Barcode, Non- deactivatable	NT5730	NT5730/BC/ND	WEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9920820	RF-Label 57x30, White	NT5730	NT5730/W/D	WEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9920846	RF-Label 57x30, White, Non-deacti- vatable	NT5730	NT5730/W/ND	WEL / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
NT4040 40x40mm label Q>70 E.V.>1.6 Liter									
9920854	RF-Label 40x40, Barcode	NT4040	NT4040/BC/D	NA / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9920897	RF-Label 40x40, Barcode, Non- deactivatable	NT4040	NT4040/BC/ND	NA / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9920889	RF-Label 40x40, White	NT4040	NT4040/W/D	NA / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	

PART #	DESCRIPTION	DATA SHEET	ROLL/BOXMARK	ORIENTATION	PA- PER	GLUE	ROLL/BOX	CORE Ø	REMARKS
9920919	RF-Label 40x40, White, Non-deacti- vatable	NT4040	NT4040/W/ND	NA / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9938397	RF-Label 40x40, Black	NT4040	NT4040/BL/D	NA / 1 row	105gr	Standard 28/7.6	1k / 20K	76.2mm	
9925708	RF-Label 40x40, Bar- code, Post It 4/1.1	NT4040	NT4040/BC/D/ PI 4/1.1	NA / 1 row	105gr	Post-it 4/1.1	1k / 20K	76.2mm	Extra layer over the purple etch resist
9939717	RF-Label 40x40, Bar- code, Post It 3/0.8	NT4040	NT4040/BC/D/ PI 3/0.8	NA / 1 row	105gr	Post-it 3/0.8	1k / 20K	76.2mm	Extra layer over the purple etch resist
9936971	RF-Label 40x40, White, Post It 4/1.1	NT4040	NT4040/W/D/ PI 4/1.1	NA / 1 row	105gr	Post-it 4/1.1	1k / 20K	76.2mm	Extra layer over the purple etch resist
9939687	RF-Label 40x40, White, Post It 5/1.4	NT4040	NT4040/W/D/ PI 5/1.4	NA / 1 row	105gr	Post-it 5/1.4	1k / 20K	76.2mm	Extra layer over the purple etch resist
9935762	RF-Label 40x40, White, 4000/roll	NT4040-4k	NT4040/W/D/4k	NA / 1 row	105gr	Standard 28/7.6	4k / 20k	76.2mm	Rolls of 4k
9937684	RF-Label 40x40, White, 8000/roll	NT4040-8k	NT4040/W/D/8k	NA / 1 row	105gr	Standard 28/7.6	8k / 40k	76.2mm	Rolls of 8k
9920862	RF-Label 40x40, Barcode, 2000/roll	NT4040-2k	NT4040/BC/D/2k	NA / 1 row	105gr	Standard 28/7.6	2k / 20k	76.2mm	Rolls of 2k
9938460	RF-Label 40x40, Barcode, 4000/roll	NT4040-4k	NT4040/BC/D/4k	NA / 1 row	105gr	Standard 28/7.6	4k / 20k	76.2mm	Rolls of 4k
9934537	RF-Label 40x40, White, No Glue	NT4040No- Glue	NT4040/W/D/ NoGlue	NA / 1 row	105gr	NA	1k / 20K	76.2mm	No Glue on label
9935029	RF-Label 40x40, White, Post-it 4/1.1, core-40mm	NT4040W-D- PI-C40	NT4040/W/D/ PI4/1.1/C40	NA / 1 row	105gr	Post-it 4/1.1	500 / 20K	40mm	Extra layer over the purple etch resist
9936882	RF-Label 40x40,White Ther. Direct Paper,PI,Core- 40mm	NT- 4040WTD-D- PI-C40	NT4040/WTD/D/ PI4/1.1/C40	NA / 1 row	105gr	Post-it 4/1.1	500 / 20K	40mm	Extra layer over the purple etch resist
9936904	RF-Label 40x40,Yellow Ther. Direct Paper,PI,Core- 40mm	NT4040YTD- D-PI-C40	NT4040/YTD/D/ PI4/1.1/C40	NA / 1 row	105gr	Post-it 4/1.1	500 / 20K	40mm	Extra layer over the purple etch resist
9939989	RF-Label 40x40,White Ther. Direct Paper,Core- 40mm	NT- 4040WTD- D-C40	NT4040/WTD/D/ C40	NA / 1 row	105gr	Standard 28/7.6	500 / 20K	40mm	
9939997	RF-Label 40x40,Yellow Ther. Direct Paper,Core- 40mm	NT4040YTD- D-C40	NT4040/YTD/D/ C40	NA / 1 row	105gr	Standard 28/7.6	500 / 20K	40mm	
9941371	RF-Label 40x40 Freezer Label	NT4040 FR	F-400-B	NA / 1 row	105gr	Special Glue	1k / 20K	76.2mm	Special Freezer Label
NT-S40 Round 40mm label Q>65 E.V.>1.1 Liter									
9920927	RF-Label R40, Barcode	NT-S40	NT-S40/BC/D	NA / 1row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	

PART #	DESCRIPTION	DATA SHEET	ROLL/BOXMARK	ORIENTATION	PA- PER	GLUE	ROLL/BOX	CORE Ø	REMARKS
9920943	RF-Label R40, Barcode, Non- deactivatable	NT-S40	NT-S40/BC/ND	NA / 1row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	
9920935	RF-Label R40, White	NT-S40	NT-S40/W/D	NA / 1row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	
9920951	RF-Label R40, White, Non-deactivatable	NT-S40	NT-S40/W/ND	NA / 1row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	
9934073	RF-Label R40, black	NT-S40	NT-S40/BL/D	NA / 1row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	
NT5248 52x48mm label Q>80 E.V.>3,8 Liter									
9921001	RF-Label 52x48, Barcode	NT5248	NT5248/BC/D	WEL / 1 row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	
9921028	RF-Label 52x48, Barcode, Non- deactivatable	NT5248	NT5248/BC/ND	WEL / 1 row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	
9921010	RF-Label 52x48, White	NT5248	NT5248/W/D	WEL / 1 row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	
9921036	RF-Label 52x48, White, Non-deacti- vatable	NT5248	NT5248/W/ND	WEL / 1 row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	
9934545	RF-Label 52x48 Red Dot, White	NT5248-RD	NT5248RD/W/D	WEL / 1 row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	Extra Red Dot
9941681	RF-Label 52x48, White, Post-it	NT5248	NT5248/W/D	WEL / 1 row	105 gr	Post-it 4/1.1	1k / 20K	76.2mm	Extra layer over the purple etch resist
9938478	RF-Label 52x48, White Thermal Direct Paper	NT5248	NT5248/WT/D	WEL / 1 row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	Thermal direct paper
9941568	RF-Label 52x48, White Thermal Direct Paper, Post-it	NT5248	NT5248/WT/D/ Pl4/1.1	WEL / 1 row	105 gr	Post-it 4/1.1	1k / 20K	76.2mm	Thermal direct paper / Post-it glue / Extra layer over the purple etch resist
NT-S5252 CD 52x52mm label Q>60 E.V.>2,1 Liter									
9928901	RF-Label 52x52, CD, Barcode	NT-S5252 CD	NT-S5252CD/BC/D	NA / 1 row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	
9928898	RF-Label 52x52, CD, White	NT-S5252 CD	NT-S5252CD/W/D	NA / 1 row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	
9924213	RF-Label 52x52, CD, Red Dot, White, Special glue	NT-S5252 CD RD	NT-S5252CD RD/W/D	NA / 1 row	105 gr	Special glue 20/5,5	1k / 20K	76.2mm	Special glue / Extra red Dot / Extra Liner
NT-S Heart Heart shaped label Q>60 E.V.>0,7 Liter									
9943536	RF-Label Heart Shaped Red	NT-S Heart	NT-S Heart/D	NEL / 1 row	105 gr	Standard 28/7.6	1k / 20K	76.2mm	Heart shaped / colour red PMS 485C

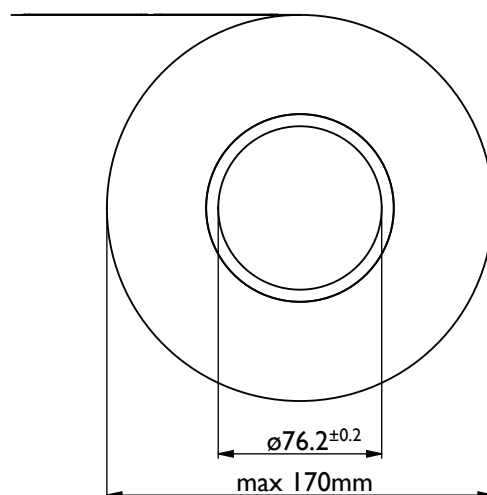
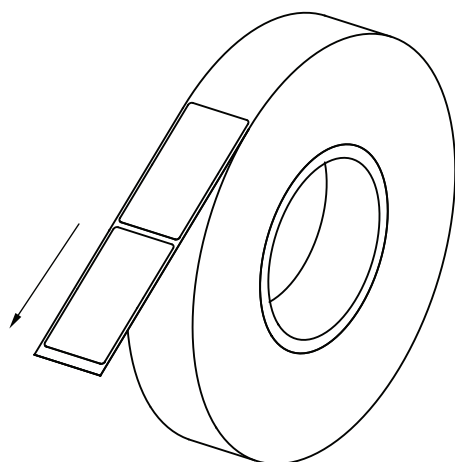
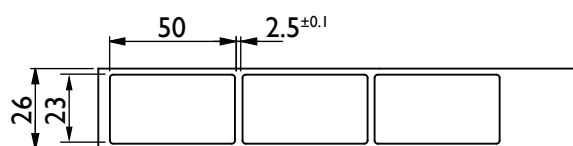
Standard RF Labels

NT 2350

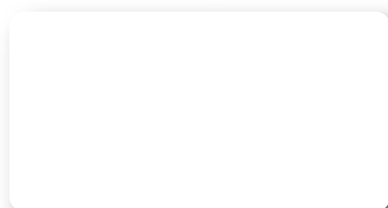
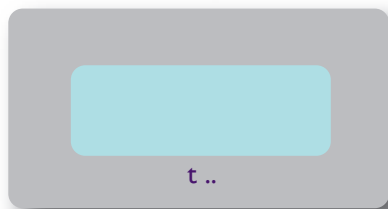


technical specifications

- Size 23x50 mm
- Tape Width 26 mm
- Tape Pitch 52.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 650 cm³
- Quality Factor > 55
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)

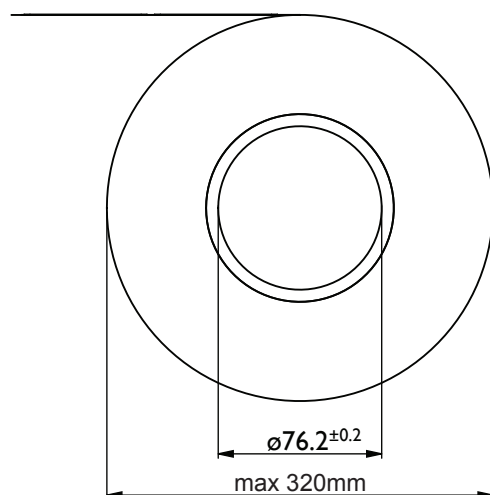
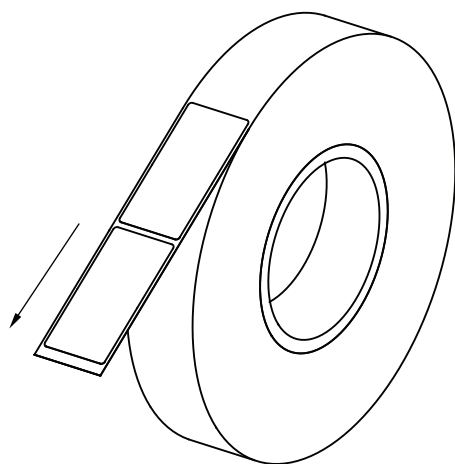
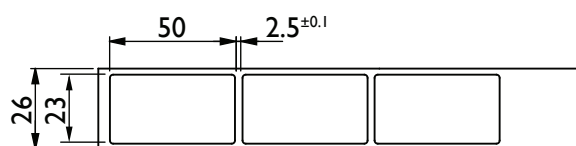


NT 2350-4k

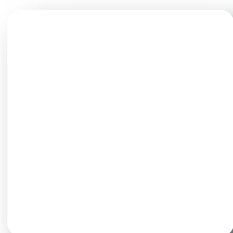
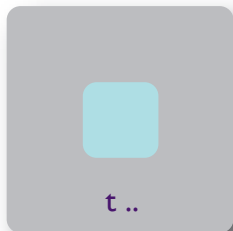


technical specifications

- Size 23x50 mm
- Tape Width 26 mm
- Tape Pitch 52.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 650 cm³
- Quality Factor > 55
- Quantity per Roll 4.000 pcs
- Minimum order quantity 20.000 pcs (=1box)

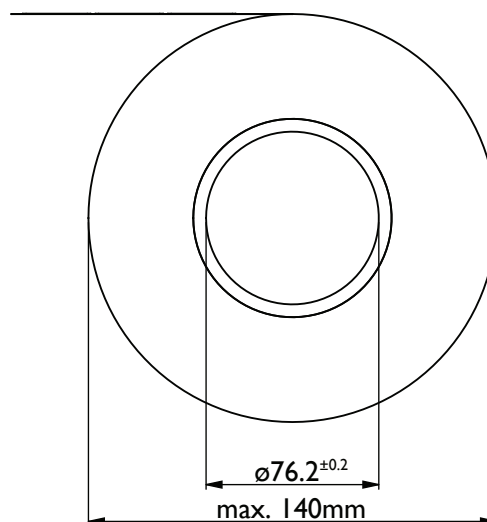
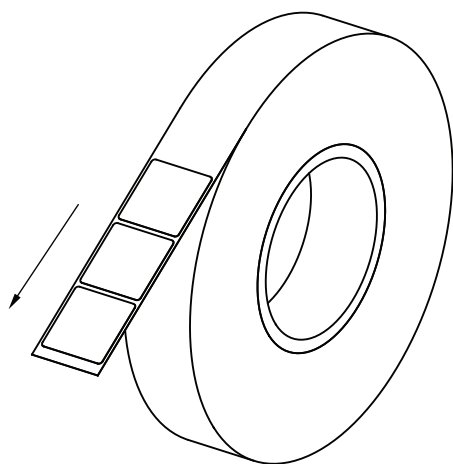
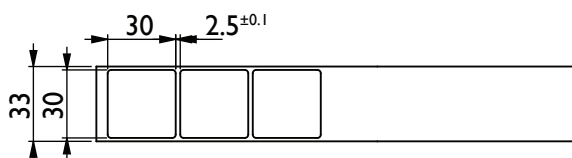


NT 3030

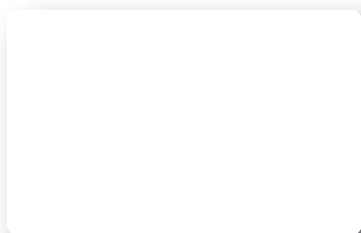
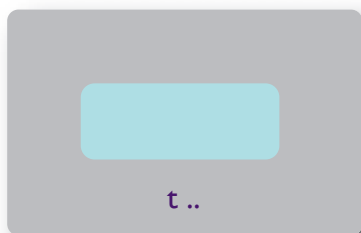


technical specifications

- Size 30x30 mm
- Tape Width 33 mm
- Tape Pitch 32.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 500 cm³
- Quality Factor > 55
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)

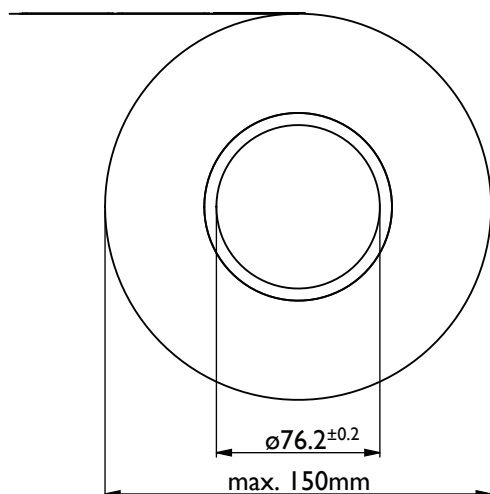
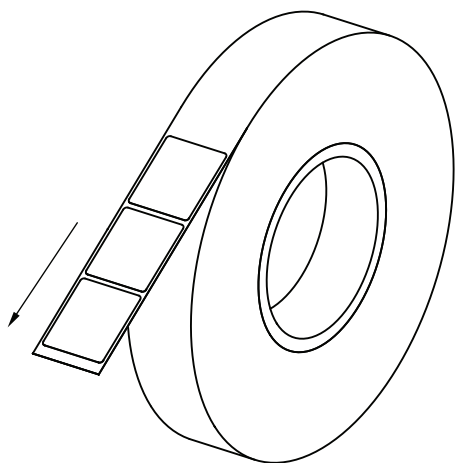
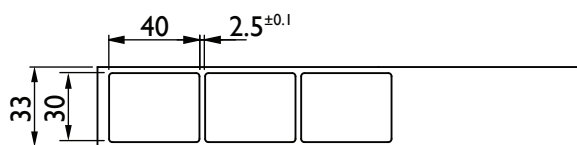


NT 3040



technical specifications

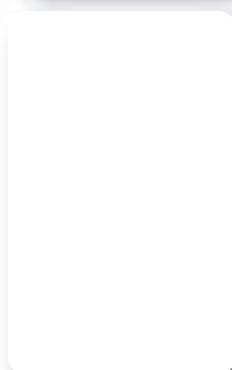
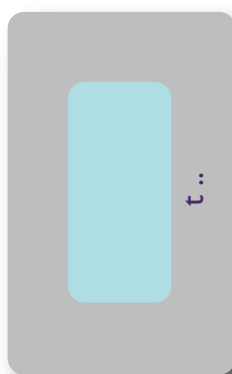
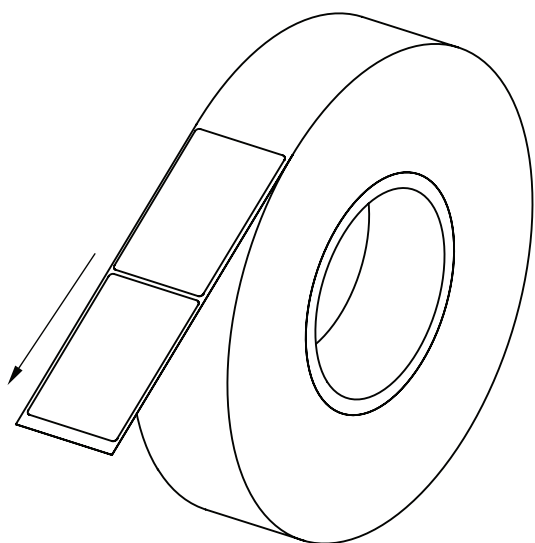
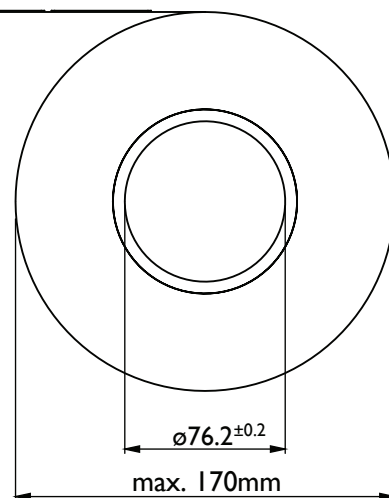
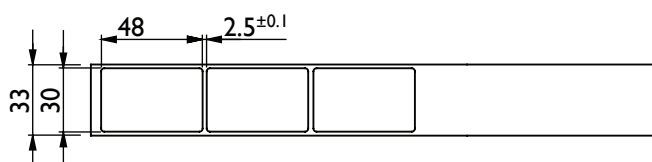
- Size
- Tape Width
- Tape Pitch
- Resonance Frequency
- Effective Signal Volume
- Quality Factor
- Quantity per Roll
- Minimum order quantity

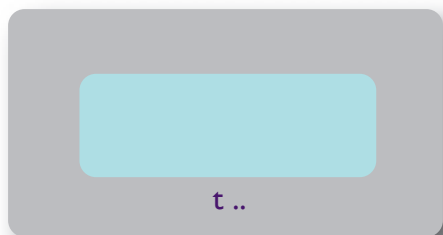


NT 3048

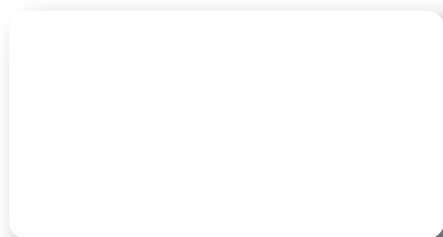
technical specifications

- Size 30x48 mm
- Tape Width 33 mm
- Tape Pitch 50.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 1200 cm³
- Quality Factor > 60
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)



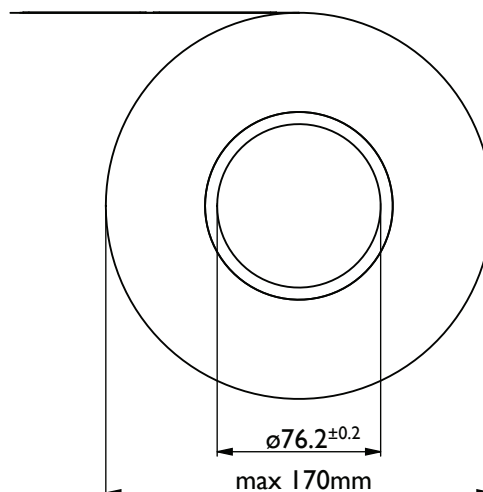
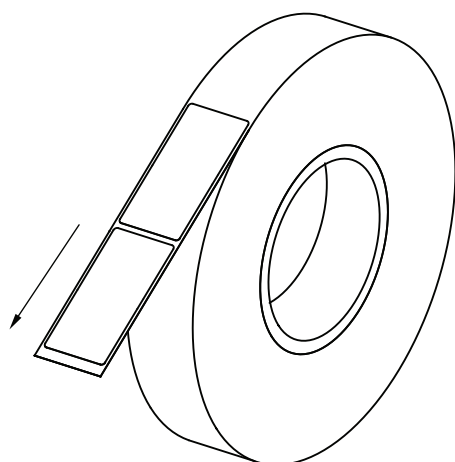
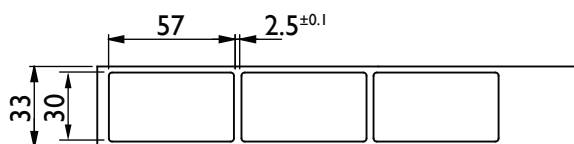


NT 3057

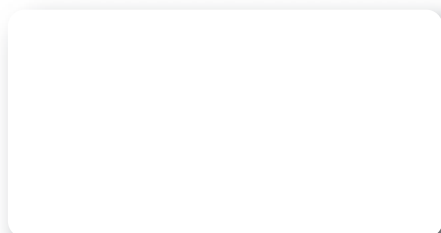
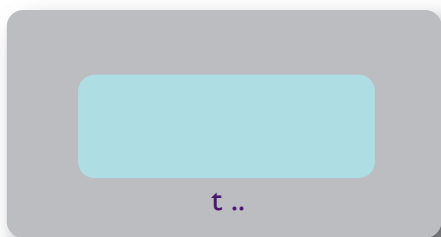


technical specifications

- Size 30x57 mm
- Tape Width 33 mm
- Tape Pitch 59.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 1300 cm³
- Quality Factor > 65
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)

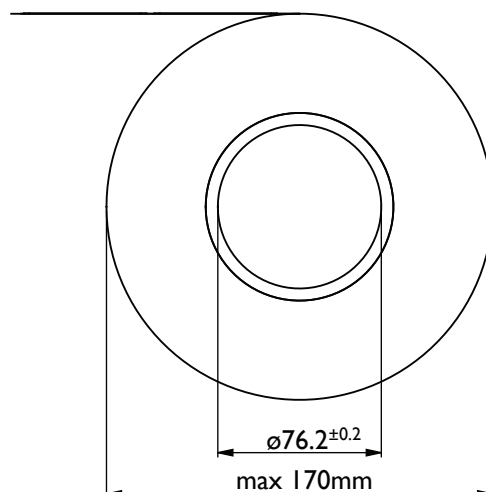
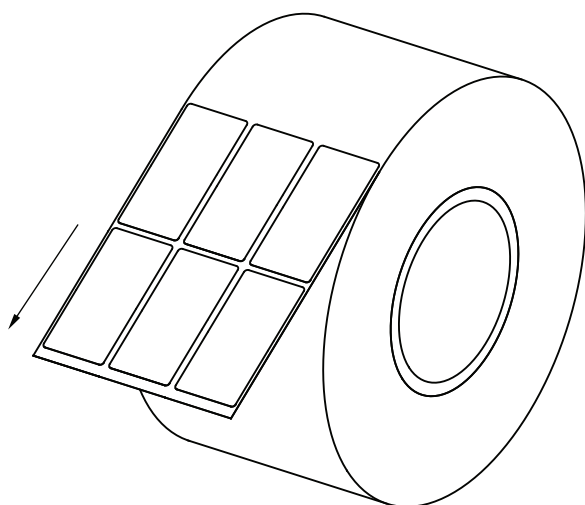
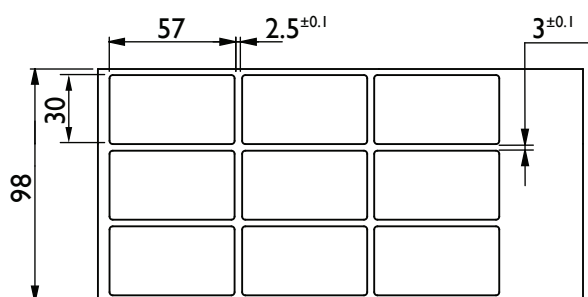


NT 3057-3



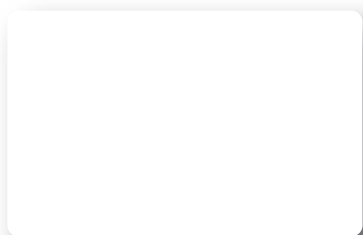
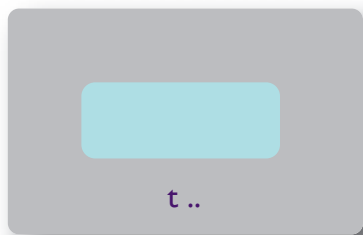
technical specifications

- Size 30x57 mm
- Tape Width 98 mm
- Tape Pitch 59.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 1300 cm³
- Quality Factor > 65
- Quantity per Roll 3.000 pcs
- Minimum order quantity 30.000 pcs (=1box)



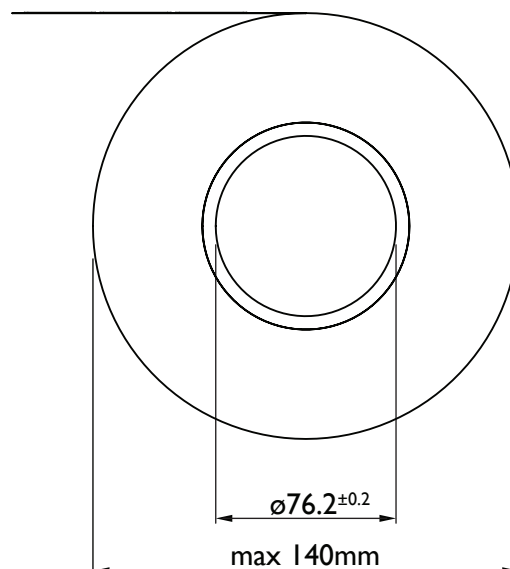
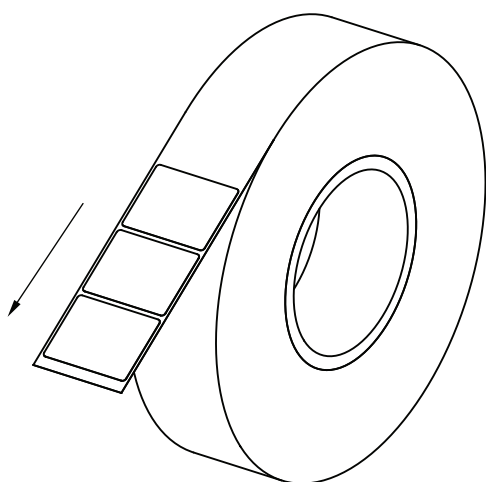
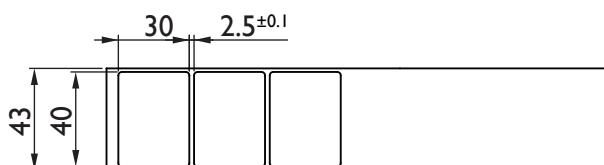
guiding & tagging

NT 4030

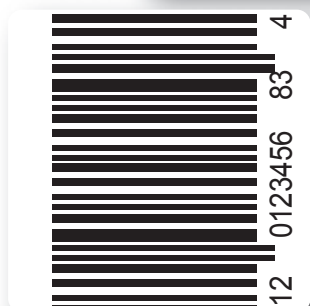
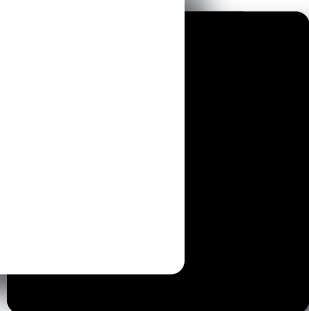
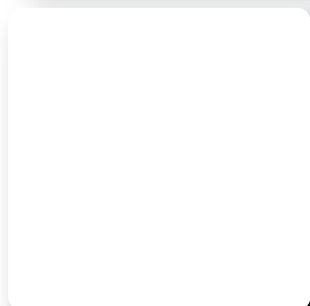
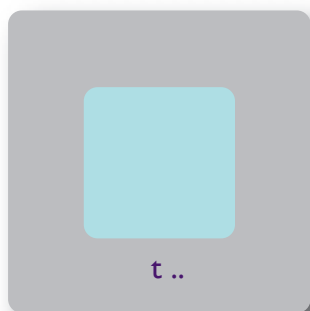


technical specifications

- Size 40x30 mm
- Tape Width 43 mm
- Tape Pitch 32.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 800 cm³
- Quality Factor > 60
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)

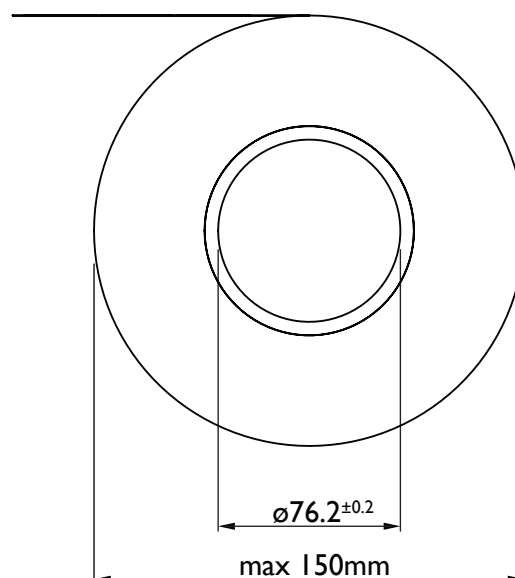
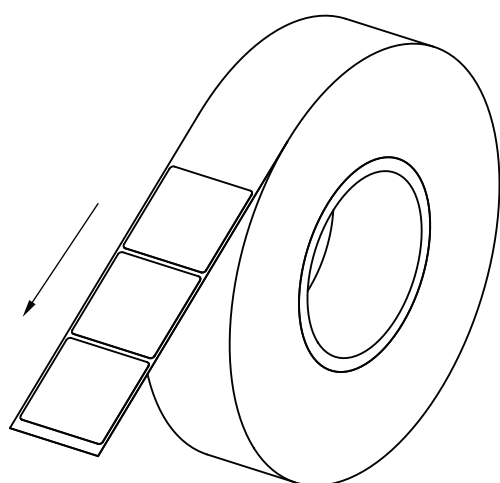
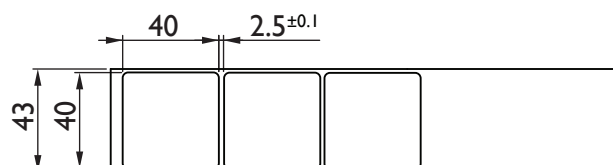


NT 4040



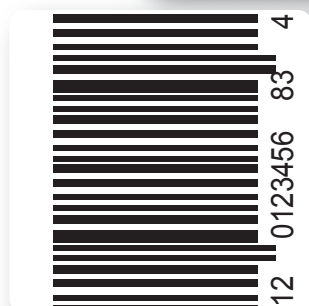
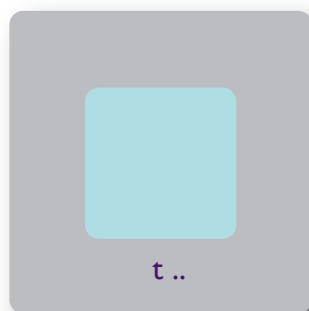
technical specifications

- Size 40x40 mm
- Tape Width 43 mm
- Tape Pitch 42.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 1600 cm³
- Quality Factor > 70
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)



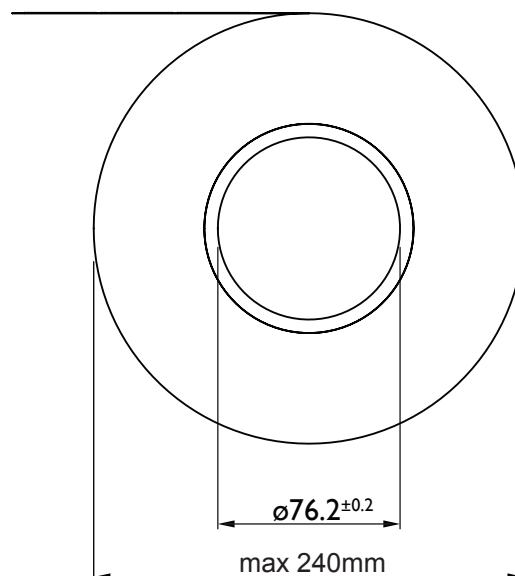
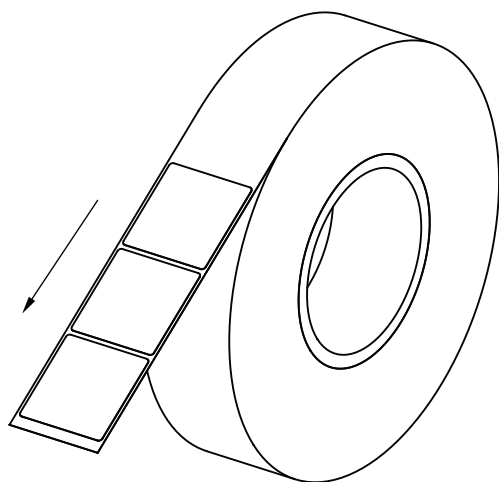
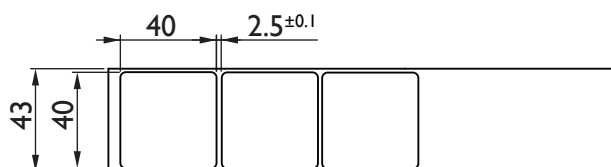
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NT 4040 - 2K

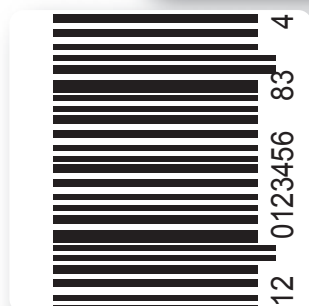
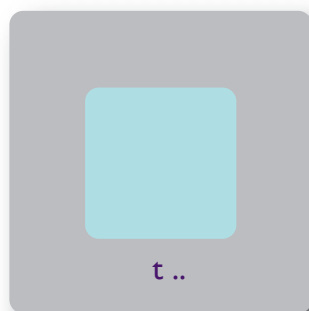


technical specifications

- Size 40x40 mm
- Tape Width 43 mm
- Tape Pitch 42.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 1600 cm³
- Quality Factor > 70
- Quantity per Roll 2.000 pcs
- Minimum order quantity 20.000 pcs (=1box)

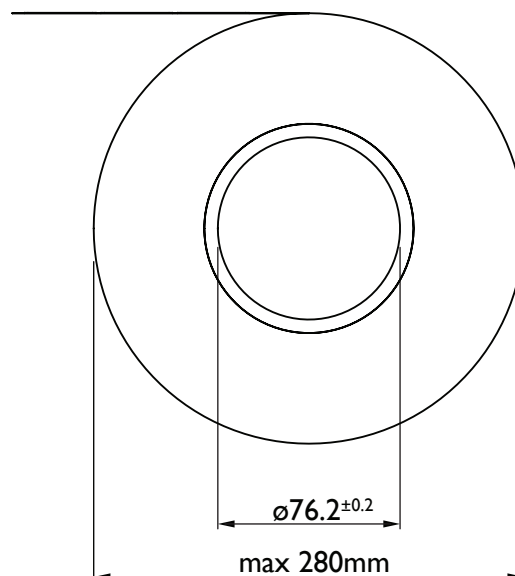
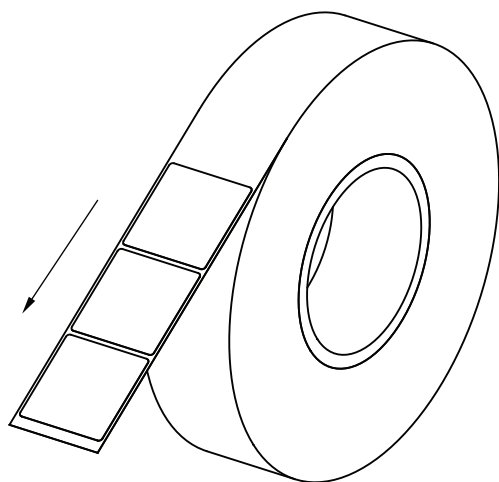
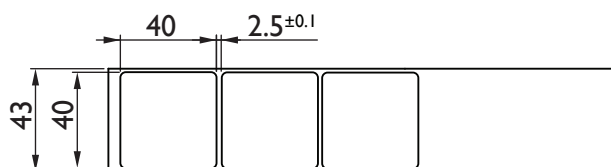


NT 4040 - 4K

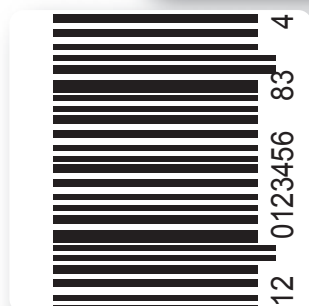
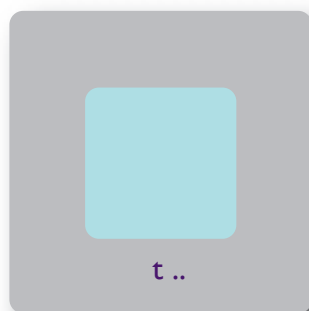


technical specifications

- Size 40x40 mm
- Tape Width 43 mm
- Tape Pitch 42.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 1600 cm³
- Quality Factor > 70
- Quantity per Roll 4.000 pcs
- Minimum order quantity 20.000 pcs (=1box)

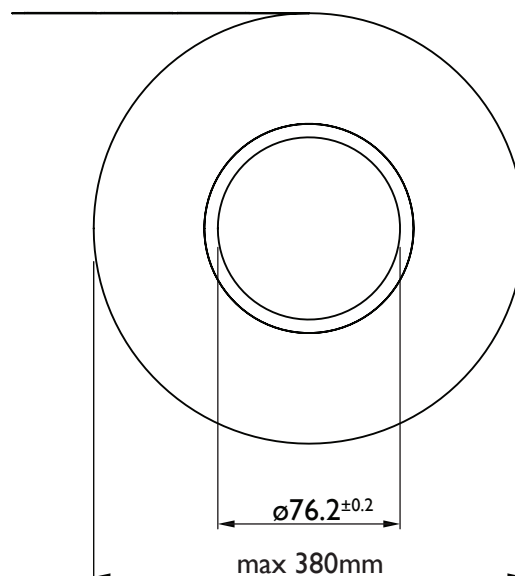
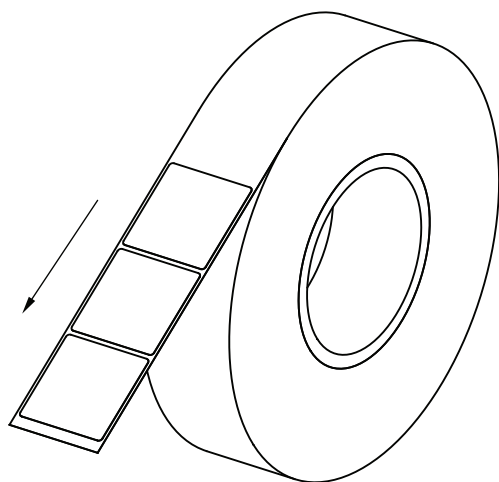
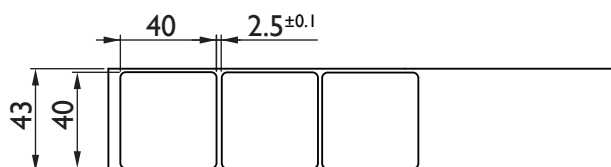


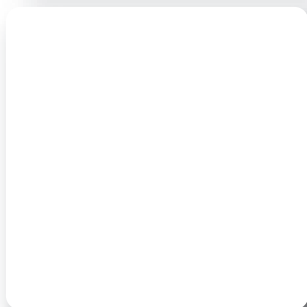
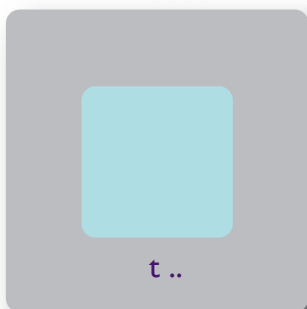
NT 4040 - 8K



technical specifications

- Size 40x40 mm
- Tape Width 43 mm
- Tape Pitch 42.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 1600 cm³
- Quality Factor > 70
- Quantity per Roll 8.000 pcs
- Minimum order quantity 40.000 pcs (=1box)



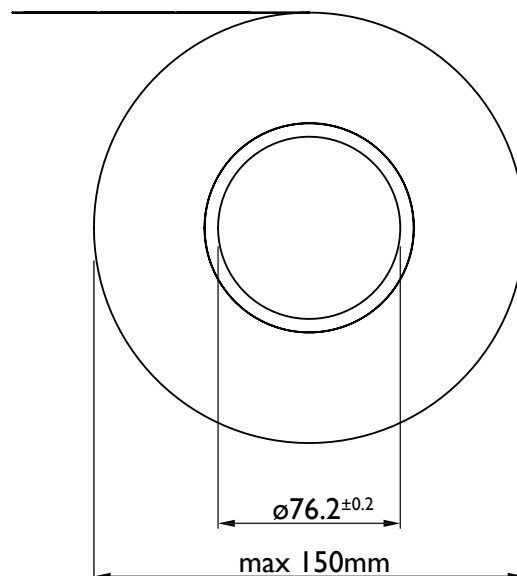
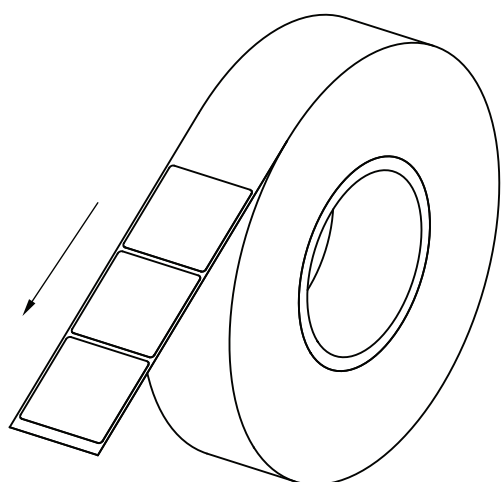
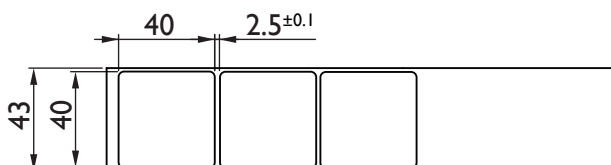


NT 4040 No Glue

NT4040 LABEL WITHOUT GLUE. THE GLUE IS ON THE LINER.

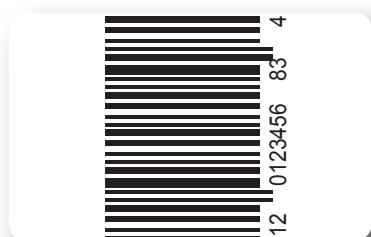
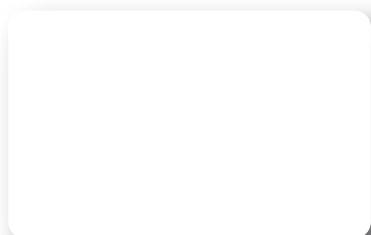
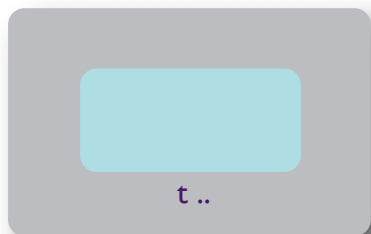
technical specifications

- Size 40x40 mm
- Tape Width 43 mm
- Tape Pitch 42.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 1600 cm³
- Quality Factor > 70
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)



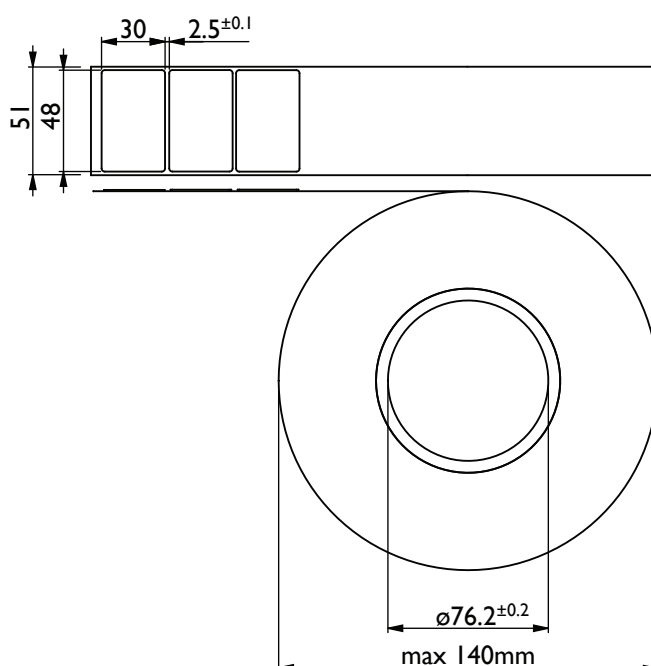
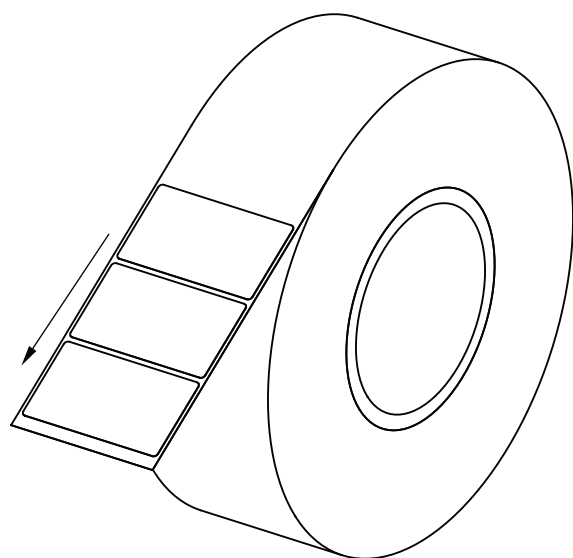
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NT 4830



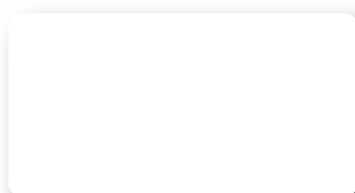
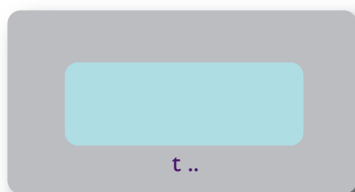
technical specifications

- Size 48x30 mm
- Tape Width 51 mm
- Tape Pitch 32.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 1200 cm³
- Quality Factor > 60
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)



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NT 5023 M



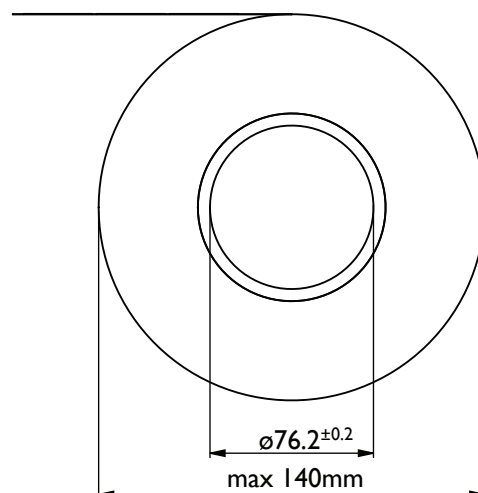
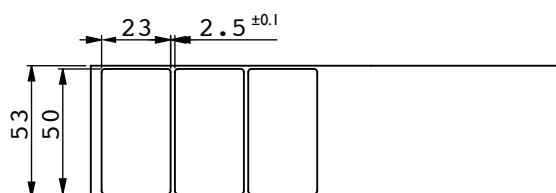
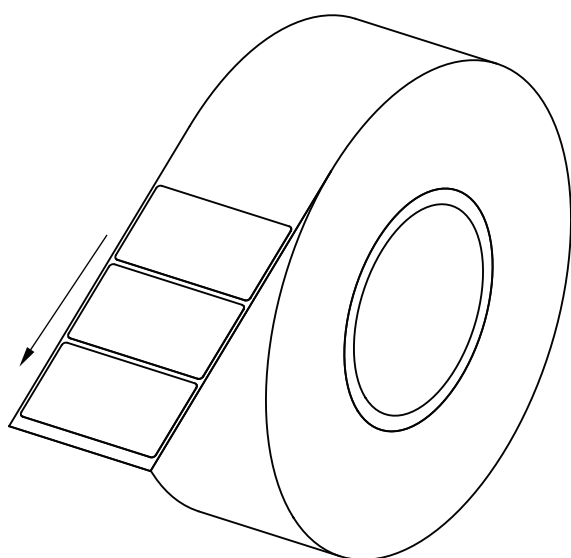
standard color: white



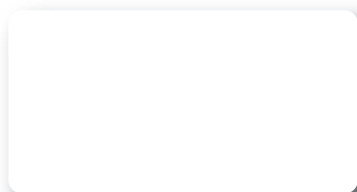
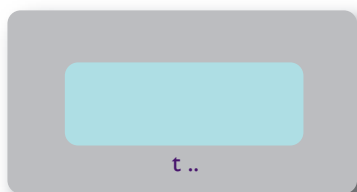
standard color: black

technical specifications

- Size 50x23 mm
- Tape Width 53 mm
- Tape Pitch 25.5 mm
- Resonance Frequency 8.1 MHz +/- 4%
- Effective Signal Volume > 650 cm³
- Quality Factor > 55
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)
- Optional Customer specific colors

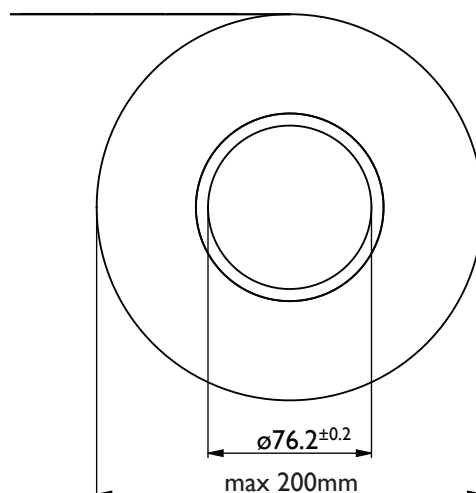
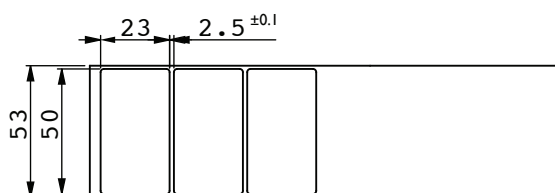
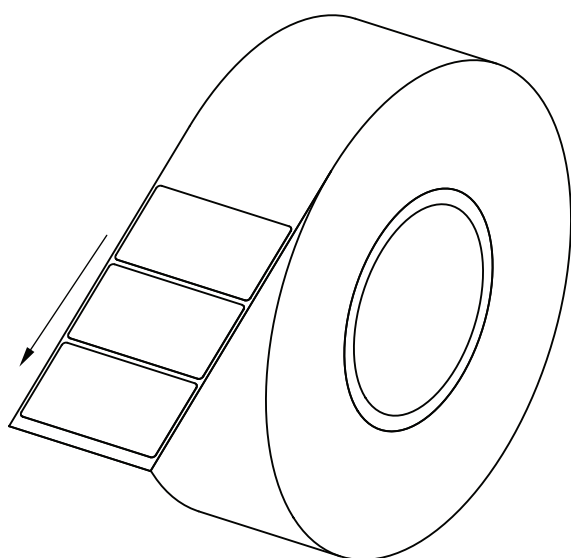


NT 5023 - 4K

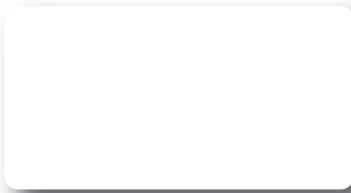
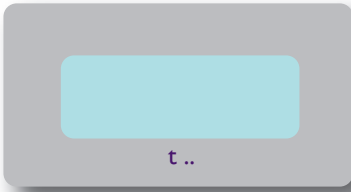


technical specifications

- Size 50x23 mm
- Tape Width 53 mm
- Tape Pitch 25.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 650 cm³
- Quality Factor > 55
- Quantity per Roll 4.000 pcs
- Minimum order quantity 20.000 pcs (=1box)

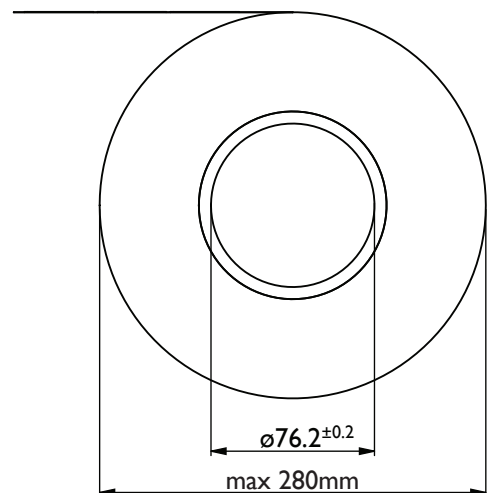
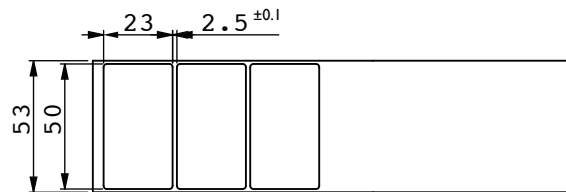
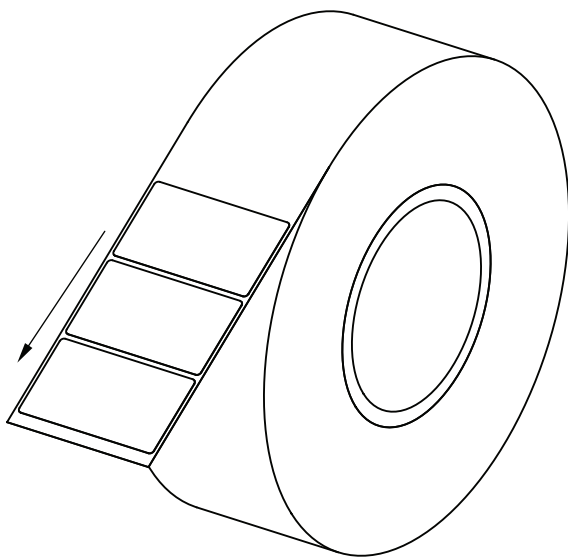


NT 5023 - 8K

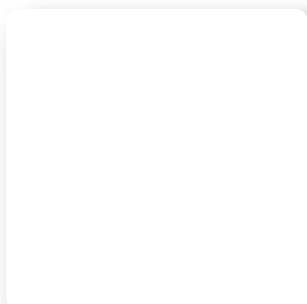
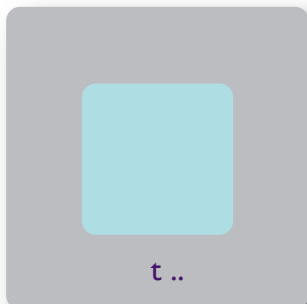


technical specifications

- Size 50x23 mm
- Tape Width 53 mm
- Tape Pitch 25.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 650 cm³
- Quality Factor > 55
- Quantity per Roll 8.000 pcs
- Minimum order quantity 40.000 pcs (=1box)

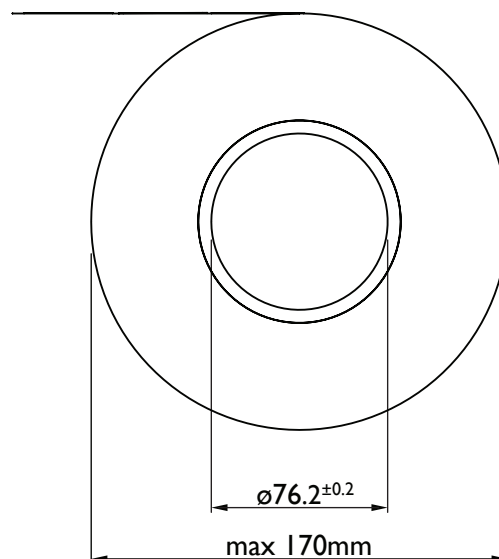
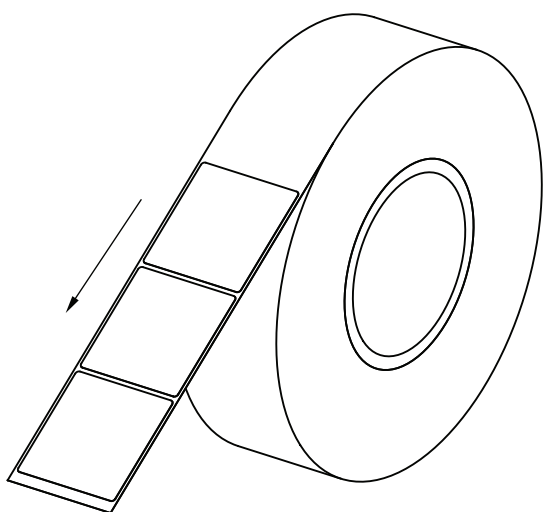
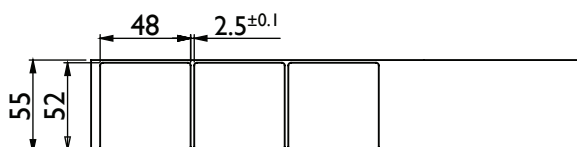


NT 5248

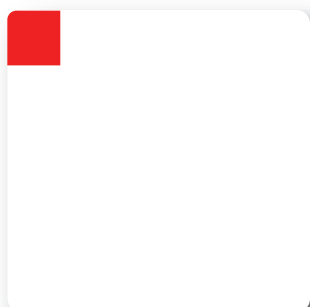
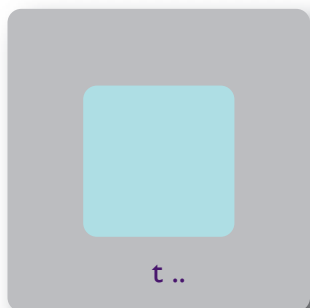


technical specifications

- Size 52x48 mm
- Tape Width 55 mm
- Tape Pitch 50.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 3800 cm³
- Quality Factor > 80
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (= 1 box)



guiding
& tag
tag

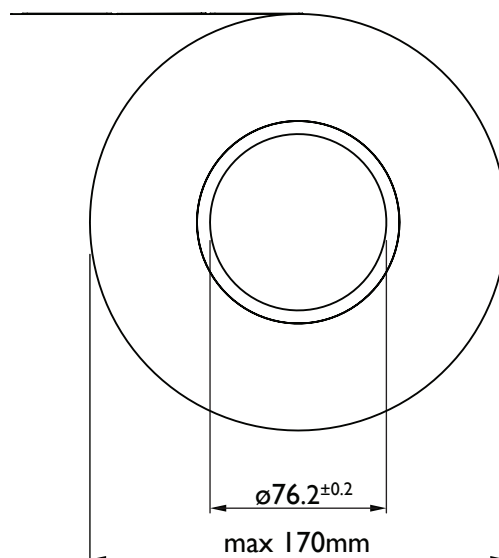
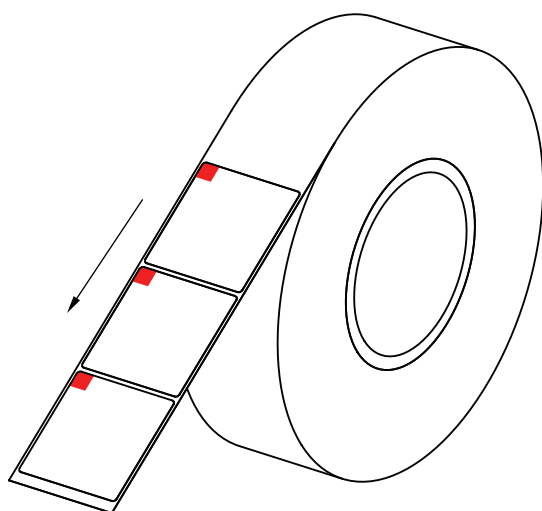
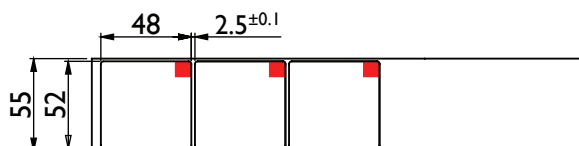


NT 5248 RD

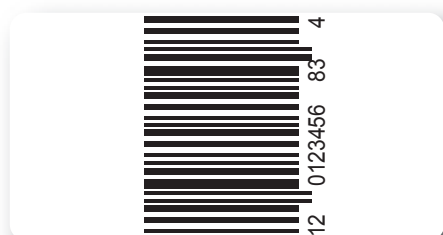
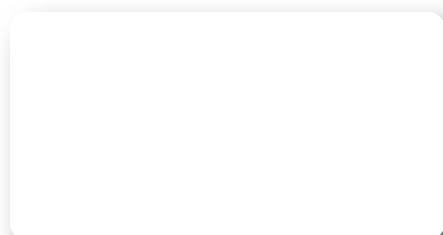
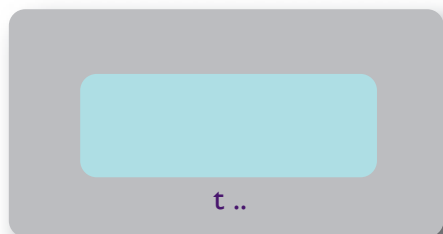
SPECIAL LABEL WITH A RED DOT IN THE UPPER LEFT CORNER

technical specifications

- Size 52x48 mm
- Tape Width 55 mm
- Tape Pitch 50.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 3800 cm³
- Quality Factor > 80
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (= 1 box)

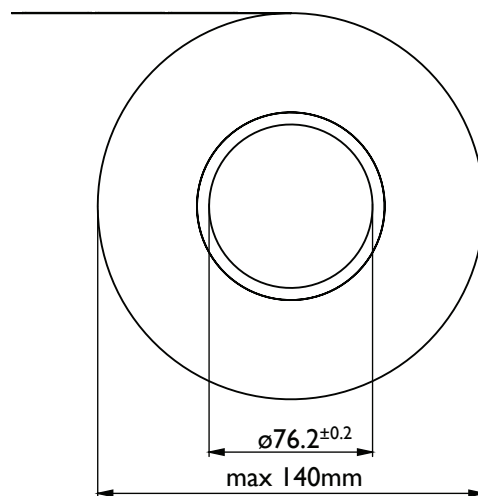
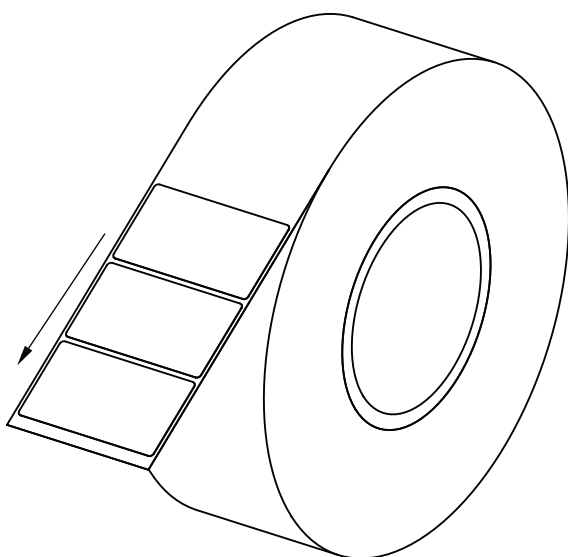
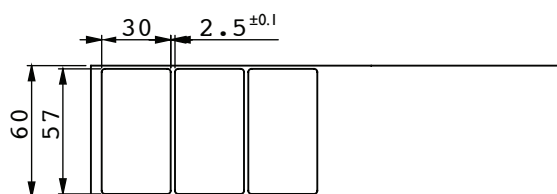


NT 5730



technical specifications

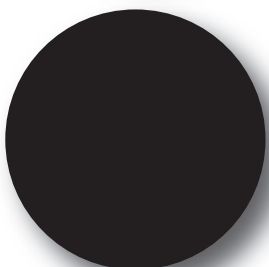
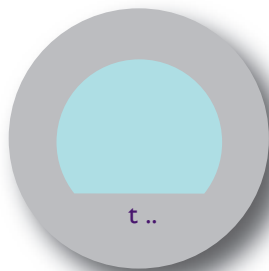
- Size 57x30 mm
- Tape Width 60 mm
- Tape Pitch 32.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 1300 cm³
- Quality Factor > 65
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)



guiding
& tag
tag

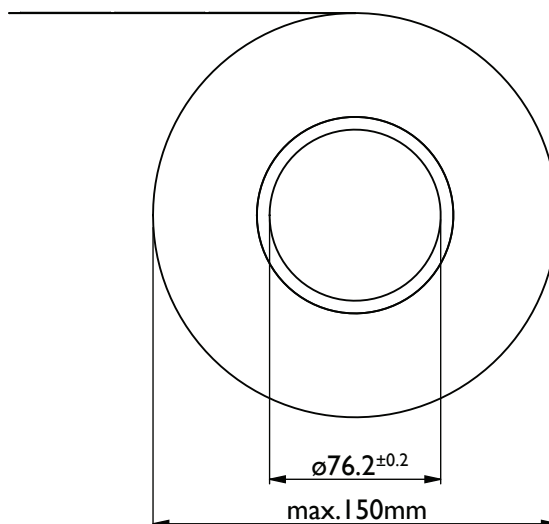
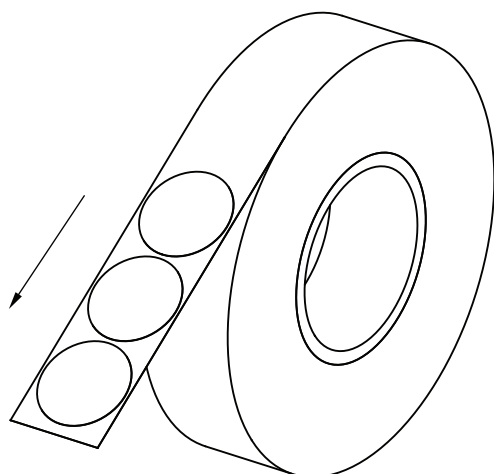
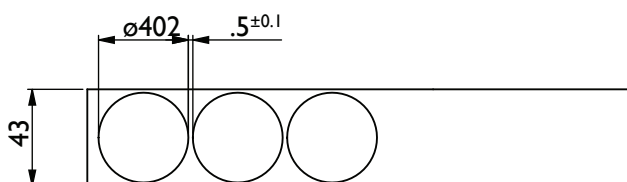
Special shape RF Labels

NT-S 40



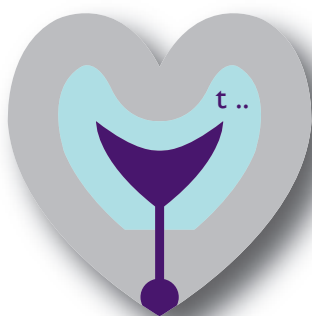
technical specifications

- Size $\varnothing 40$ mm
- Tape Width 43 mm
- Tape Pitch 42.5 mm
- Resonance Frequency 8.2 MHz \pm 5%
- Effective Signal Volume $> 1100 \text{ cm}^3$
- Quality Factor > 65
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)



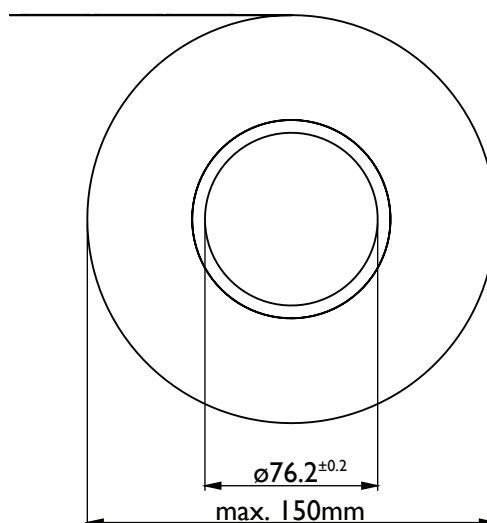
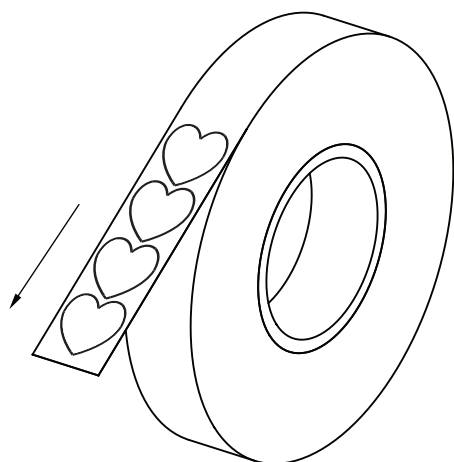
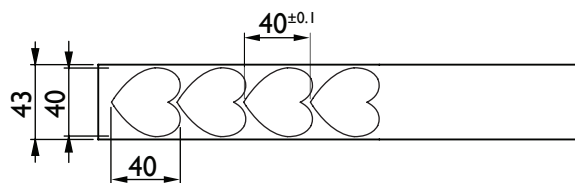


NT-S Heart



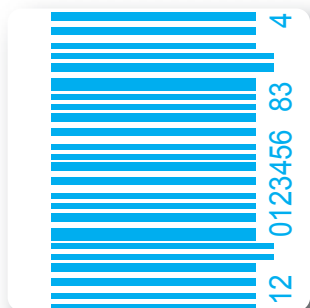
technical specifications

- Size 40x40 mm
- Tape Width 44 mm
- Tape Pitch 43.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 700 cm³
- Quality Factor > 60
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)
- Color information Red : PMS 485C



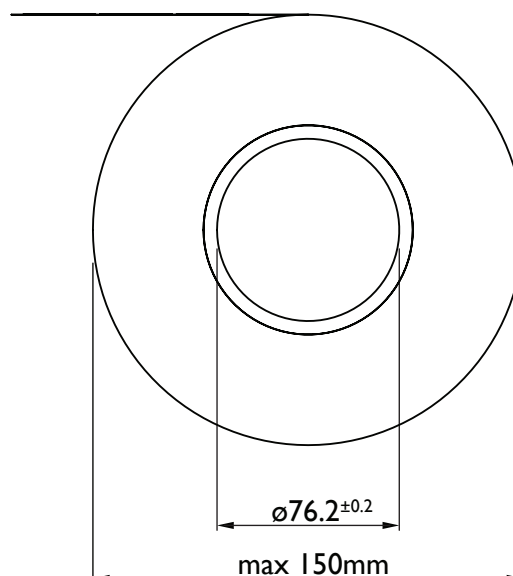
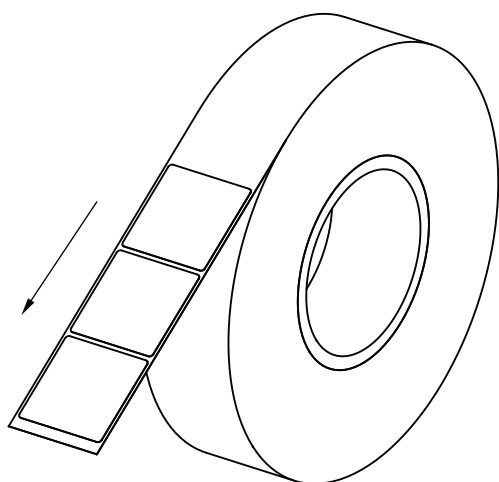
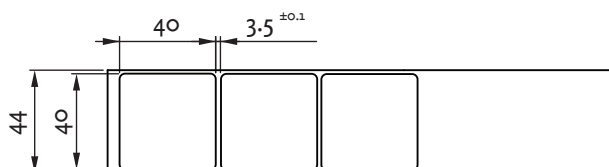
NT 4040 FR

SPECIAL LABEL FOR FROZEN PRODUCTS



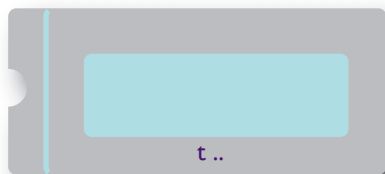
technical specifications

- Size 40x40 mm
- Tape Width 44 mm
- Tape Pitch 43.5 mm
- Resonance Frequency 8.2 MHz \pm 5%
- Effective Signal Volume $> 1200 \text{ cm}^3$
- Quality Factor > 60
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)

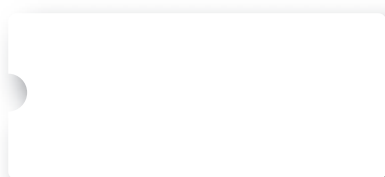


guiding
& tag
tag

NT-S 5022

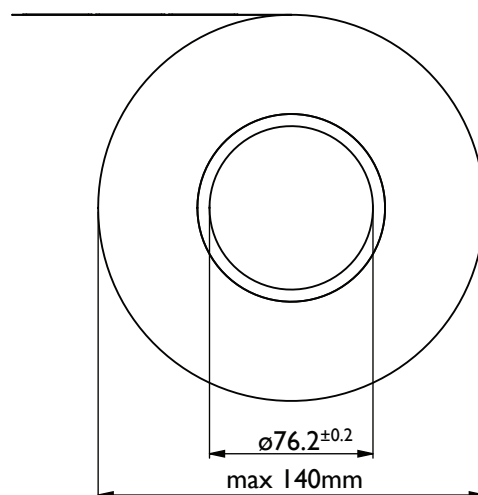
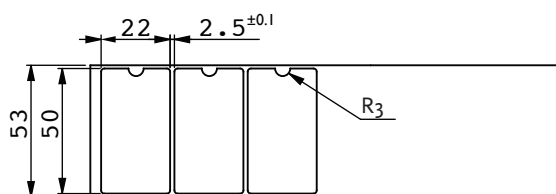
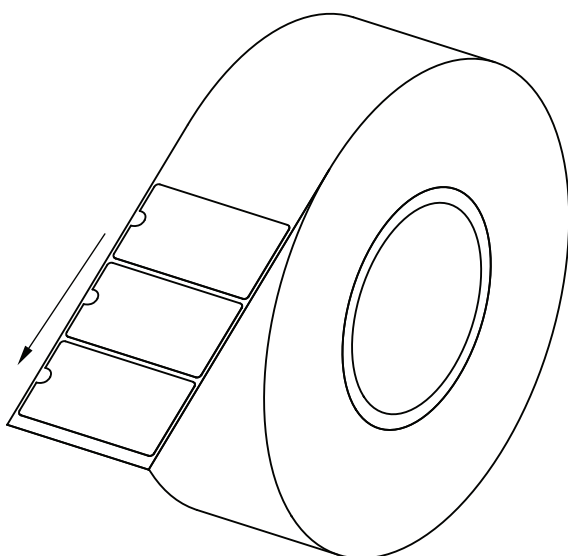


LABEL CONTAINS A ROUND CUT-OUT AT ONE NARROW EDGE:
RADIUS = 3 MM.

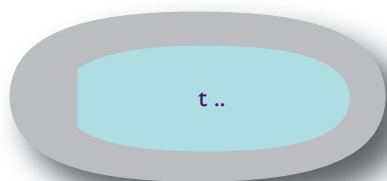


technical specifications

- Size 50x22 mm
- Tape Width 53 mm
- Tape Pitch 24.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 550 cm³
- Quality Factor > 60
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)

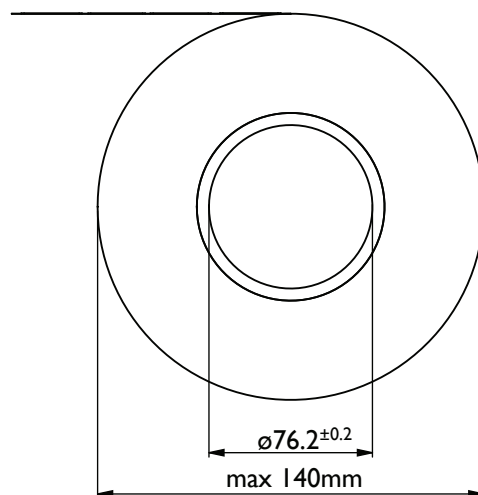
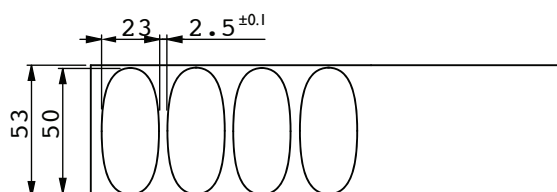
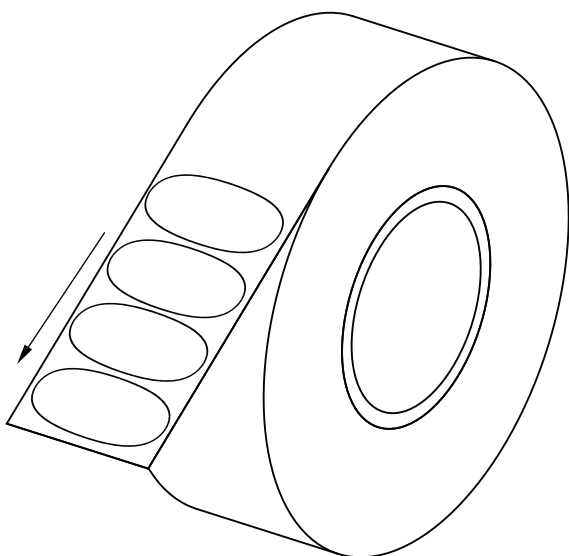


NT-S 5023



technical specifications

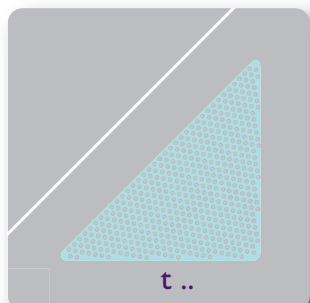
- Size 50x23 mm
- Tape Width 53 mm
- Tape Pitch 25.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 550 cm³
- Quality Factor > 55
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (=1box)



guiding
& target
tags

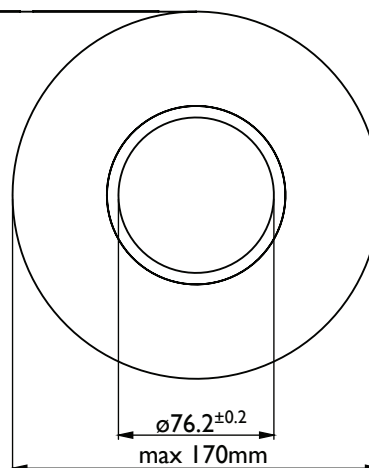
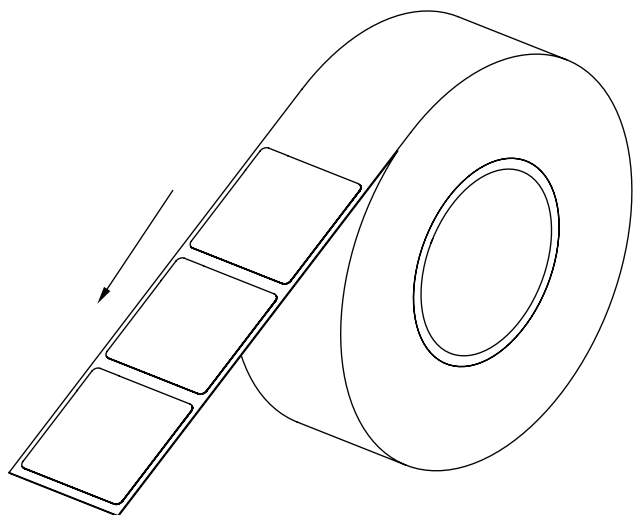
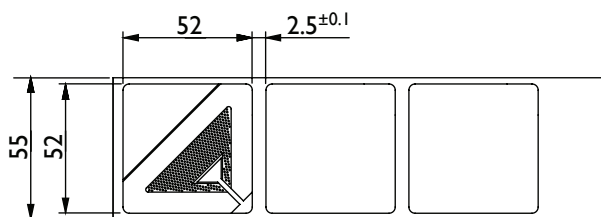
NT-S 5252 CD

PRINTABLE PAPER LABEL FOR THE USE IN CD / DVD BOXES. THE LABEL WIRING WILL NOT BE COVERED BY THE METAL FOILED CD OR DVD.



technical specifications

- Size 52 x 52 mm
- Tape Width 55 mm
- Tape Pitch 54.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 2100 cm³
- Quality Factor > 60
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (= 1 box)



NT-S 5252 CD RD

PRINTABLE PAPER LABEL FOR THE USE IN CD / DVD BOXES. THE LABEL WIRING WILL NOT BE COVERED BY THE METAL FOILED CD OR DVD.

The roll starts with a minimum of 1000mm liner, without labels.

Remark : Label with special glue

technical specifications

- Size 52 x52 mm
- Tape Width 55 mm
- Tape Pitch 54.5 mm
- Resonance Frequency 8.2 MHz +/- 5%
- Effective Signal Volume > 2100 cm³
- Quality Factor > 60
- Quantity per Roll 1.000 pcs
- Minimum order quantity 20.000 pcs (= 1 box)

