Branding, Marking, Identification

Filcoflex offers a wide variety of methods to brand, mark or identify products with logo's P&ID numbers, instructions about the product, or many other applications.

Filcoflex offers the following options.
In the pages following to this introduction, we will show you pictures and examples of branding, marking and identification on our products.
Some of these can be combined on our products.

All these can be customized to your requirements, and for each customer we can also make their own standard way of marking or branding of the products we make for you.

- o NFC Tag in Poly Urethane encasing
  URL's, QR codes, web content, Logo's, Text, Article numbers,
- o Printed Label in Poly Urethane encasing
  QR codes, Logo's, text, article numbers, etc.
- o Printed Label on FSC style flexible connections
- o Printed Textile label
- o Thermal Embossing on thermoplastic products
- o Etching on Stainless Steel flanges
- o Welded on PTFE logo on PTFE flexible sleeves.
- o Laser engraved or Etched Stainless Steel ID plate

NFC)))

on Flexible Products

NFC Custom ID tag encased in Filcoflex products.
- ✓ NFC ready
- ✓ Mobile device technology
- ✓ IOS, Android and Microsoft compatible
- ✓ Read and Write.
- ✓ Can be secured with password.
- ✓ Weblink, URL, to video etc.

NFC Chip product Feature

Filcoflex now offers an NFC chip encased in a Poly Urethane pocket that can be welded or stitched on any flexible connection as an optional product feature.

NFC (Near Field Communication) technology offers the possibility to write and read a chip with any mobile NFC compatible device (iOS and Android) or with an NFC reader and writer connected to your PC.

The NFC chip is encased in a Poly Urethane pocket, protecting the chip from fluids, chemicals and other influences that may damage the chip.

What to use it for

You can program the NFC with multiple records, such as;
- ✓ P&ID numbers / Unique factory position ID
- ✓ Stockroom position
- ✓ Part code / Article number
- ✓ Drawing numbers
- ✓ URL's to;
  Manuals, safety instructions, operating manuals, internal operating procedures, certificates, etc.
- ✓ Video web-links to YouTube, Vimeo, and other services
- ✓ Name of the allergen sensitive products
- ✓ Replacement and maintenance
  Date of first use / replacement date / service date

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Traditional tagging and ID plates on Flexible Sleeves

Many of our customers use the same standardized flexible connectors in various locations inside the factory. In the past each standardized flexible with a unique printed label could only be used in 1 factory position. Because of this there was a large stock of the same size flexibles, each with a different Printed Label on it.

Tagging a product with printed markings is something we do for each customer who wants their unique identification on our products. Filcoflex offers customized printed labels and QR codes encased in Poly Urethane pockets. Once an ID plate is encased inside a label pocket or inside the product it becomes impossible to change the identification marking.
Standardized length and diameters need to be maintained on stock for each Tag or ID number because they are not universal in use, even when they have the same dimension as others.

NFC Technology with Flexible Sleeves

With an NFC tag our customers get presented with the option of a tag or identification plate that they can write (program) their selves. The customer can change the programming whenever they like, or even secure the tag with a password, preventing that anyone can write or delete a tag's programming.

The great benefit is that each flexible in the stockroom can be used for any purpose in your factory, until you need it for a specific purpose it remains universal. The NFC chip does not need programming before you use it. The NFC chip is only programmed to have the right contents when you need it to be.

A pictogram is printed on the chip showing the instruction to swipe and scan the tag with your NFC compatible phone, tablet or smart device or your NFC chip reader hooked up to your PC. Or Mac. Since 2020 almost any smart device is NFC compatible.

Each NFC chip we deliver comes with a standard link to the Filcoflex website to this Product Features page "NFC chip".

The Filcoflex NFC chip comes in an 888 Bytes size, which is the largest capacity available at this moment. If the NFC capacity grow Filcoflex will change their standard to the larger formats.

NFC chips do not require any power source or battery, this is provided by your reading or writing device through the Near Field Communication technology.

All traditional Printed Poly urethane encased labels or QR codes labels can be combined with the NFC chip in the same Poly Urethane encasing pocket.

Please read more information on our NFC technology page
https://filcoflex.com/optional-product-features/nfc-chip/

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Printed label in Poly Urethane encasing

Filcoflex offers printed labels that are welded inside a Poly Urethane* encasing.
The following items can be printed in solids colors:**
- Logo's / Pictograms
  Your company logo, or safety instruction pictograms
- Text
  P&ID number, article numbers, part codes, drawing numbers,
  factory position, Material information, etc.
- QR codes
  QR codes to your specification can be printed.

The labels are available in several color combinations and widths:

Color	Width (mm)	Availability
White label, blue writing	9 / 12 / 18 / 24 / 36	standard
White label, black writing	9 / 12 / 18 / 24 / 36	optional
White label, red writing	9 / 12 / 18 / 24 / 36	optional
Transparent label, Black writing	9 / 12 / 18 / 24 / 36	custom order
Transparent label, White writing	12 / 18	custom order
Black label, White writing	9 / 12 / 18 / 24	custom order
Yellow label, Black writing	9 / 12 / 18 / 24 / 36	custom order
Red label, Black writing	9 / 12 / 18 / 24 / 36	custom order
Red label, White writing	12 /	custom order
Blue label, Black writing	9 / 12 / 18 / 24 / 36	custom order
Blue label, White writing	12 / 24	custom order
Green label, Black writing	9 / 12 / 18 / 24	custom order
Green label, White writing	12 /	custom order
Silver label, Black writing	12 / 24 / 36	custom order

The encasing can also include an NFC chip together with the printed Label.

*Alternatively the encasing can also be made in PVC.
 for PVC film Filcoflex products.

** Other items can also be printed to your design,
   faded colors are not possible, only solid colors.

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Printed label on FSC style flexible connections

In each Filcoflex FSC style connector one or multiple flanges are welded in an airtight seam encapsulating the flange.
On these flanges a printed label can also be attached.

The following can be printed:
-   Text
-   P&ID number, article numbers, part codes, drawing numbers,
-   factory position
-   product names of products being processed.

The labels are available in the following color combinations and widths:

Color	Width (mm)	Availability
White label, blue writing	9	standard
White label, black writing	9	optional
White label, red writing	9	optional
Black label, White writing	9	custom order
Yellow label, Black writing	9	custom order
Red label, Black writing	9	custom order
Blue label, Black writing	9	custom order
Green label, Black writing	9	custom order

In the picture we show a flexible that is used for only 1 product the customer processes "Amoxyciline", for the 2 other products they process on the same production line they also have flexible connections with a blue label with black writing, and a white label with black writing, with the name of those products.
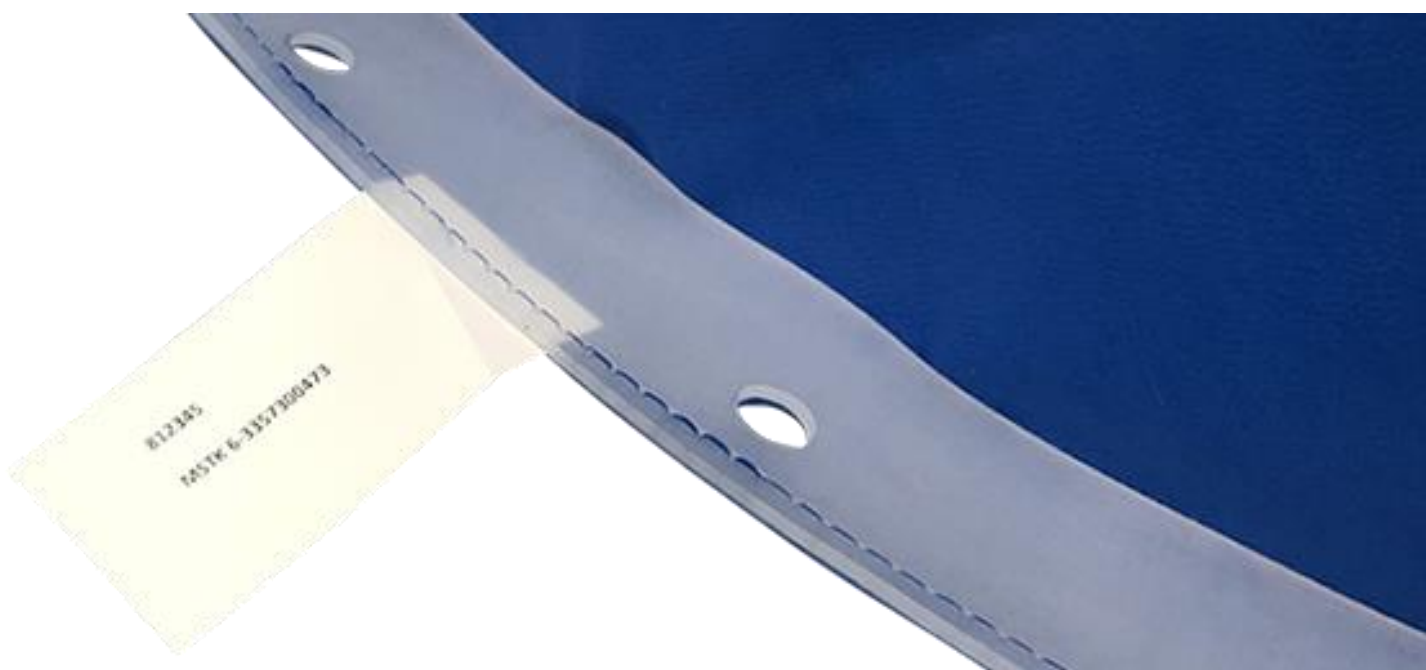
Printed Textile Label

Printed Textile labels are stitched, offered for non-thermoplastic flexible connections.
Logo's, text and article numbers can be printed on these labels.

This textile label is mostly used for Filcoflex products made in PTFE, coated glass fabrics, coated Aramid / Kevlar fabric, Filter fabric, PTFE woven fabric, or other woven or braided materials.
The printed textile label is stitched to the fabric or PTFE product as shown in the picture.

These labels have a good tear resistance but can also easily be cut off if needed.

Each printed textile label is 55mm wide, and an endless length, the print surface is 50mm wide.

Thermal Embossing on thermoplastic products

Filcoflex can emboss branding or logo's on thermoplastic materials such as Poly Urethane and PVC
You can buy a metal tool which is engraved with the logo or brand, which allows us to emboss this logo into the thermoplastic product on 1 side (the outside)
This way the branding is permanent but makes no changes to the inside surface of the product.

As a standard Filcoflex brands all their thermoplastic products with the Filcoflex logo.

Etching on Stainless Steel flanges

Non thermoplastic Filcoflex products can not be embossed, but if they are assembled with stainless steel flanges the stainless-steel parts are branded by etching the Filcoflex logo.

The following items can be etched in solids colors only:
- Logo's / Pictograms
  Your company logo or safety instruction pictograms
- Text
  P&ID number, article numbers, part codes,
  drawing numbers, factory position, etc.
- QR codes
  QR codes to your specification can be printed.
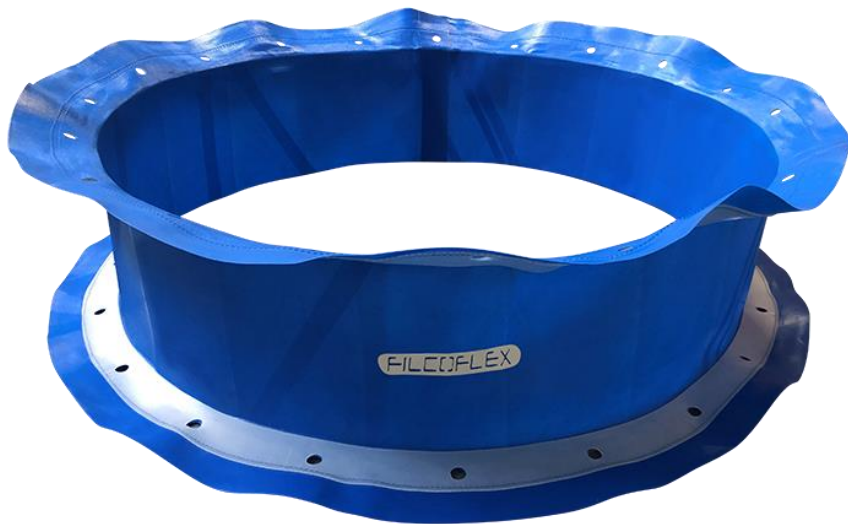
The standard widths are 24 and 36mm wide.

Welded on PTFE logo on PTFE flexible sleeves.

Filcoflex also welds on logo's on PTFE film flexible connectors.
These as a standard are the Filcoflex logo and are sometimes combined with flow direction indication for certain flange designs.

A thin layer of white PTFE film is welded on to the Flexible Connection body made from PTFE films.
The minimum size is 30 x 100mm.

Custom logo's or brands can be made upon request, a minimum of 30 logo's needs to be bought, which we will keep in stock for you.

Laser engraved or etched stainless steel ID plates.

In some cases, an ID plate is required.
Filcoflex can offer stainless steel ID plates, that can also function as serial number plates.
These plates can be laser engraved or can also be etched.

The laser engraved plates are available to any custom size requested.
We can engrave logo's and text. All can be styled according to your requirements.
Only solid colors can be etched, faded colors are not possible. We can only laser engrave plates, not round flanges, or tubing. All plates can also be supplied with holes.

Etching can be made in 24 or 36mm width, and an endless length.
We can engrave logo's and text. All can be styled according to your requirements.
Only solid colors can be etched, faded colors are not possible. All plates can also be supplied with holes.
Filcoflex can also etch round flanges or tubes.