

# Transfer FIL

Due to the nature of Filecoin and Ethereum having different address types in the Filecoin network, the process for transferring FIL between addresses can be a bit nuanced.

After FVM launched, a new Ethereum-compatible address type (f410 address) was introduced to the Filecoin network. This new f410 address can be converted into Ethereum-style addresses starting with 0x so that it can be used in any Ethereum-compatible toolings or dApps. Filecoin addresses start with f, so we will use the f address in this tutorial. And Ethereum-style addresses start with 0x, so we will use the 0x address in this tutorial.

There are four paths for transferring FIL tokens across the Filecoin network, depending on which address type you are transferring from and to.

From an 0x address To an f address [0x => f address](#) From an f address To an 0x address [f => 0x address](#) From an f4 address To an f address [f4 => f address](#) From an f4 address To an 0x address [f4 => 0x address](#) From an 0x address To an f4 address [0x => f4 address](#) From an f address To an f4 address [f => f4 address](#) ASSETS ON THE FILECOIN NETWORK ARE NOT AVAILABLE ON ANY OTHER NETWORK Remember that Filecoin is fully compatible with Ethereum tools, like wallets. But that doesn't mean you're using the Ethereum network. These instructions transfer assets only within the Filecoin network. [Learn how to configure your Ethereum wallet on the Filecoin network](#).

0x => 0x address

If you want to transfer FIL tokens from one f4 address to another f4 address using their corresponding 0x addresses, you need to understand how to convert between f4 and 0x addresses.

- If you have f4 address, you can convert it to 0x address using [Beryx Address converter](#)
- .
- If you have a 0x address, you can directly search it on [Filfox Explorer](#), which will show the f4 address and corresponding f4 address.
- .

Apart from that, you just need to follow the standard process using your preferred Ethereum-compatible wallet, like MetaMask, MethWallet, etc. For instance, [MetaMask has a simple guide](#) for how to send Ethereum from one account to another.

0x => f address

If you want to transfer FIL tokens from an Ethereum style 0x address to another Filecoin address type, like an f1 or f3 address, follow the steps in [FilForwarder](#) tutorial.

f => 0x address

Most wallets and exchanges currently support Filecoin f1 or f3 addresses, and many of them already fully support f4 and 0x addresses, including [OKX](#), [Kraken](#), [Bitcure](#), etc. But there are some exchanges that are still implementing the support for f4 addresses. If your preferred wallets and exchanges don't let you directly transfer FIL to an f4 or Ethereum-style 0x address, We recommend filing a support issue with the exchange to help accelerate the support for f4 addresses.

The process for sending FIL from a Filecoin address to an Ethereum-style 0x address depends on the wallet or exchange you use.

Ledger device

Ledger Live supports sending to a Filecoin f4 address, which has an automatic 0x equivalent that you can look up on any [block explorer](#). This allows you to directly transfer your FIL to an Ethereum-style 0x address using its f4 equivalent.

Sending directly to a 0x address does not work in Ledger Live. You must use the f4 equivalent.

Hot wallet

A hot wallet is a cryptocurrency wallet that is always connected to the internet. They allow you to store, send, and receive tokens. Because hot wallets are always connected to the internet, they tend to be somewhat more vulnerable to hacks and theft than cold storage methods. However, they are generally easier to use than cold wallets and do not require any specific hardware like a Ledger device.

If you want to transfer your FIL tokens from the f1/f3 to the 0x address, but the wallet or exchange you are using does not

support thef4 and0x style addresses. Then, you can create a burner wallet using Glif, transfer FIL to the burner wallet, and then transfer FIL from the burner wallet to the0x address on MetaMask.

1. Navigate to [glif.io/](https://glif.io/)
2. . Create a Burner wallet
3. .
- 4.

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1. Click Create Seed Phase
2. . Write down your seed phrase somewhere safe. You can also copy or download the seed phrase. You will need it later.
- 3.

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1. Click I've recorded my seed phrase
2. . Using your seed phrase, enter the missing words in the blank text fields.
3. Click Next
4. , and then Connect
5. . The burner wallet is created
6. In the upper left corner of your wallet dashboard, click on the double squares icon next to your address to copy it. Record this address. You will need it later.
- 7.

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1. From your main wallet account or exchange, transfer your FIL token to this address.
2. Connect to MetaMask and copy your 0x
3. address.
4. Once the funds appear in the burner wallet, click on Send FIL
5. .
6. Enter the necessary information into the text fields:
- 7.
8. In the Recipient
9. field, enter your 0x
10. style address. GLIF automatically converts it to an f4
11. address.
12. In the Amount
13. field, enter the amount of FIL to send. Make sure you have enough FIL to cover the GAS cost.
- 14.

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1. Click Send
2. . The FIL will arrive in your MetaMask wallet shortly.
- 3.

## Exchange

If you are transferring FIL from any exchange to your 0x address on MetaMask, make sure the exchange supports withdrawing FIL to the 0x or f410 address. If not, you will need extra steps to withdraw FIL to your 0x address. Let's take Coinbase as an example; you can follow this [Guide: How to transfer FIL from Coinbase to a Metamask Wallet \(0x\)](#).

## f to f address

There are no special steps or requirements for sending Filecoin from one Filecoin-style address to another on the Filecoin network.

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