

VERSION 2

AUGUST 22, 2025

The unofficial
isosigns
package

[Link ↗](#)

Contents

1	Installation	4
2	Loading the package & Dependencies	4
3	ISO Colors (standard 3864)	4
4	ISO Signs (standard 7010)	5
5	ISO Signs (standard 7001)	15
6	Known Issue	23

The isosigns package

Manual for version 2

<https://www.ctan.org/pkg/isosigns>

<https://github.com/BenSt099/isosigns>

Abstract

This is the official documentation of the package **isosigns**. It provides ISO colors and signs according to the ISO standards 3864, 7001 and 7010. These standards can be used to create instructions for chemical or physical experiments.



ATTENTION! This is NOT an official package from the ISO (International Organization for Standardization). All signs are taken from Wikipedia.



ATTENTION! If you experience problems (e.g. on Windows) with this package, it may be due to *isosigns* not finding the pdfs properly. Please use the workaround in section 6.

1 Installation

The package is included in T_EXLive and MikT_EX. If you would like to install it manually, please download the package from GitHub (<https://github.com/BenSt099/isosigns/releases>). After that, please unzip the package and put it into the directory, where your distribution puts its packages, e.g. for T_EXLive 2024 (Windows) you would put the package into this folder:

```
C:\texlive\2024\texmf-dist\tex\latex\
```

After this step, there should be a folder with path:

```
C:\texlive\2023\texmf-dist\tex\latex\isosigns\
```

in which a file

```
isosigns.sty
```

and several folders should reside. You can verify your installation by trying it out.

2 Loading the package & Dependencies








You can load the package with the following command in the preamble:

```
\usepackage{isosigns}
```

This package has the following dependencies: `graphicx`, `xcolor`, `ifthen`, `xkeyval`

3 ISO Colors (standard 3864)

Seven colors are defined which are also used to create the signs:

Name	Colors	Hex
Caution		#F9A800
Warning		#D05D29
Prohibition		#9B2423
Mandatory		#005387
Rescue		#237F52
Backgrounds		#ECECE7
Smybol		#2B2B2C

How to use:

```
{\color{Mandatory} \textbf{Text with Mandatory color.}}
```

Text with Mandatory color.

4 ISO Signs (standard 7010)

This section deals with the construction of signs. To begin with, each sign is placed in a category, has a letter and a number:

Category	Letter(s)	Numbers
Safe condition	E	(001 - 004, 007 - 070)
Crescent variant	CV	(003, 004, 009, 010, 011, 012, 013, 027, 028, 029, 064, 067)
Fire Protection	F	(001 - 019)
Mandatory	M	(001 - 060)
Prohibition	P	(001 - 074)
Warning	W	(001 - 080)

The command to access a sign is:

```
\Isosign{<Letter><Number>}
```

This command constructs a path to a sign in your $\text{T}_{\text{E}}\text{X}$ Live / Mik $\text{T}_{\text{E}}\text{X}$ / ... installation. To display a sign, use the following code:

```
%% Example file
\documentclass{article}

\usepackage{isosigns}

\begin{document}

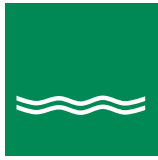
\includegraphics{\Isosign{F001}}

\includegraphics[scale=2]{\Isosign{P074}}

\end{document}
```

NOTE: For more information about the signs and standards, take a look at https://en.wikipedia.org/wiki/ISO_7010.





E037



E038



E039



E040



E041



E042



E043



E044



E045



E046



E047



E048



E049



E050



E051



E052



E053



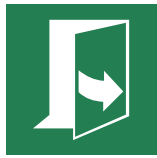
E054



E055



E056



E057



E058



E059



E060



E061



E062



E063



E064



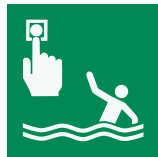
E065



E067



E068



E069



E070



F001



F002



F003



F004



F005



F006



F007



F008



F009



F010



F011



F012



F013



F014



F015



F016



F017



F018



F019





M049



M050



M051



M052



M053



M054



M055



M056



M057



M058



M059



M060





P049



P050



P051



P052



P053



P054



P055



P056



P057



P058



P059



P060



P061



P062



P063



P064



P065



P066



P067



P068



P069



P070



P071



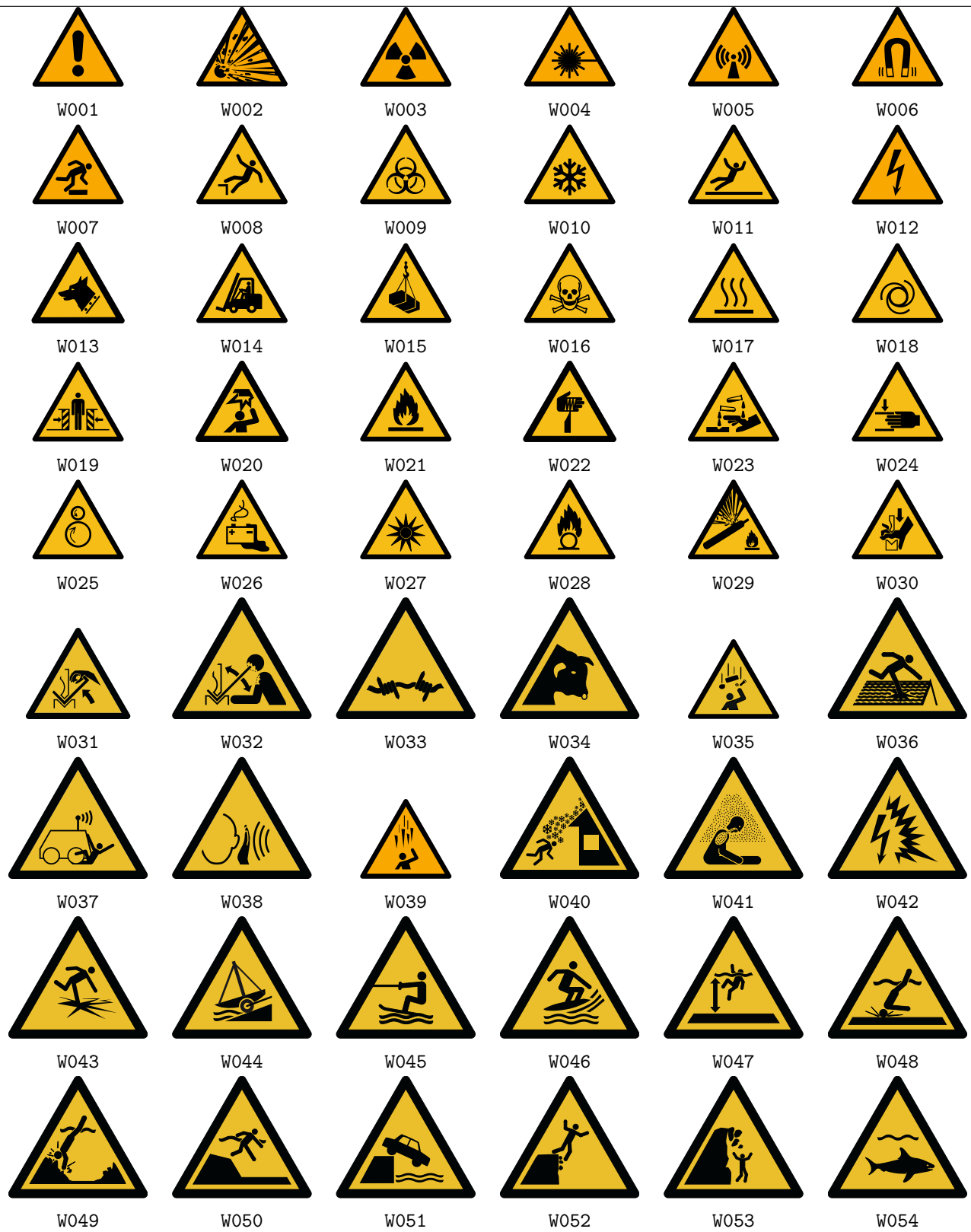
P072



P073



P074





W055



W056



W057



W058



W059



W060



W061



W062



W063



W064



W065



W066



W067



W068



W069



W070



W071



W072



W073



W074



W075



W076



W077



W078



W079



W080

5 ISO Signs (standard 7001)

This section deals with the construction of signs. To begin with, each sign is placed in a category, has a letter and a number:

Category	Letter(s)	Numbers
Accessibility	AC	(001 - 023)
Public facilities	PF	(001 - 005, 007 - 021, 023 - 030, 032 - 034, 036, 037, 043, 044, 050, 054, 062 - 070, 074 - 082)
Transportation facilities	TF	(001 - 021, 027 - 040, 042 - 044)
Behaviour of the public	BP	(001 - 019)
Commercial facilities	CF	(001 - 012, 014 - 022)
Tourism, culture and heritage	TC	(001 - 018)
Sporting activities	SA	(001 - 004)

The command to access a sign is:

```
\Isosignpi{<Letter><Number>}
```

This command constructs a path to a sign in your $\text{T}_{\text{E}}\text{X}$ Live / $\text{MikT}_{\text{E}}\text{X}$ / ... installation. To display a sign, use the following code:

```
%% Example file
\documentclass{article}

\usepackage{isosigns}

\begin{document}

\includegraphics{\Isosignpi{AC001}}

\includegraphics[scale=2]{\Isosignpi{PF024}}

\end{document}
```

NOTE: For more information about the signs and standards, take a look at https://en.wikipedia.org/wiki/ISO_7001.

					
AC001	AC002	AC003	AC004	AC005	AC006
					
AC007	AC008	AC009	AC010	AC011	AC012
					
AC013	AC014	AC015	AC016	AC017	AC018
					
AC019	AC020	AC021	AC022	AC023	



PF001



PF002



PF003



PF004



PF005



PF007



PF008



PF009



PF010



PF011



PF012



PF013



PF014



PF015



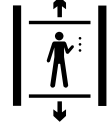
PF016



PF017



PF018



PF019



PF020



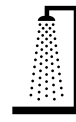
PF021



PF023



PF024



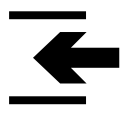
PF025



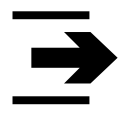
PF026



PF027



PF028



PF029



PF030



PF032



PF033



PF034



PF036



PF037



PF043



PF044



PF050



PF054



PF062



PF063



PF064



PF065



PF066



PF067



PF068



PF069



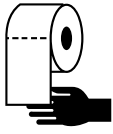
PF070



PF074



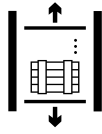
PF075



PF076



PF077



PF078



PF079



PF080



PF081

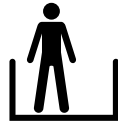


PF082

					
TF001	TF002	TF003	TF004	TF005	TF006
					
TF007	TF008	TF009	TF010	TF011	TF012
					
TF013	TF014	TF015	TF016	TF017	TF018
					
TF019	TF020	TF021	TF027	TF028	TF029
					
TF030	TF031	TF032	TF033	TF034	TF035
					
TF036	TF037	TF038	TF039	TF040	TF042
					
TF043	TF044				



BP001



BP002



BP003



BP004



BP005



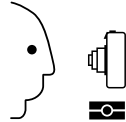
BP006



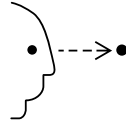
BP007



BP008



BP009



BP010



BP011



BP012



BP013



BP014



BP015



BP016



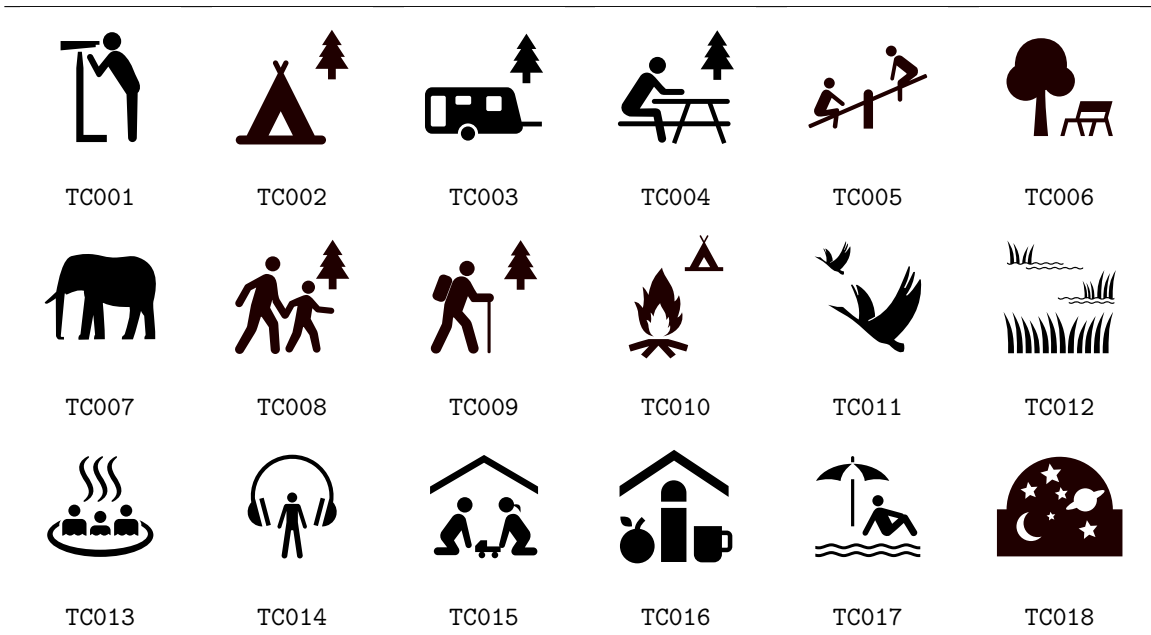
BP017



BP018



BP019





SA001



SA002



SA003



SA004

6 Known Issue

On some systems (mostly Windows), T_EX is not able to find the pdfs properly. Since this is an issue that seems to exist only on certain systems and not all, please use the following workaround by providing the fullpath that leads to the installation directory of isosigns. This can be done by supplying it through the **fullpath**-option:

```
%%% Example file
\documentclass{article}

% example path
\usepackage[ fullpath = /texlive/2024/texmf-dist/tex/latex/isosigns ]{isosigns}

\begin{document}

\includegraphics{\Isosign{F001}}

\includegraphics[scale=2]{\Isosign{P074}}

\end{document}
```

If you are unsure about the path, simply execute

```
kpsewhich isosigns.sty
```

in a terminal and a path will be returned. The path that is given in the example is the typical path on most systems.

NOTE: On Windows, the path should also be given with foreslashes (just like in the example).

NOTE: The last directory in the path *does not* end with a foreslash (just like in the example).