

# MyriadPro OTF from Adobe Reader 7.0

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## 1 Introduction

Adobe Reader v7.0 provides MinionPro and MyriadPro OTFs (OpenType Fonts) for free, and this font pack is only for MyriadPro OTFs for  $\LaTeX$ .

## 2 Installation

1. Unzip MyriadProAR7.zip under the /localtexmf directory.
2. You should get the PFB files from the original OTF files using PfaEdit (currently FontForge), LCDF Type Tools, or other tools,<sup>1</sup> and copy them to the proper locations under /localtexmf.
3. Add "Map MyriadPro.map" to the /texmf/web2c/updmap.cfg file.
4. Renew filename database.
5. Issue "initexmf -mkmaps -u" in the DOS command window.

## 3 How to Use

This font pack supports OT1, T1/TS1, LGR, and OML encodings. You can use dvips/ps2pdf, dvipdfm(x), or pdf $\LaTeX$  to compile your source file.

### 3.1 For Sans Serif Default

If you want to use MyriadPro as your default **sans serif** font, the following preamble is the right one:

```
%\usepackage[T1]{fontenc}           % T1 encoding is called
%\usepackage{textcomp}             % with text companion (recommended).

\renewcommand{\sfdefault}{Minion-LF} % LF (Lining Figures)
%\renewcommand{\sfdefault}{Minion-OsF} % OsF (Old style Figures)
```

### 3.2 For Roman Default

If you want to use MyriadPro as your default **serif** font, use the Myriad style file<sup>2</sup> as shown below. It also enables you to use MyriadPro regular, italic, and Greek glyphs in the math mode.

```
%\usepackage[T1]{fontenc}           % T1 encoding is called
%\usepackage{textcomp}             % with text companion
\usepackage[options]{Myriad}
```

where available "options" are:

- **osf** (default): Specifies OsF in text and math.
- **lf**: Specifies LF in text and math.

<sup>1</sup>I have used PfaEdit. I can send them to you upon request.

<sup>2</sup>This style file is based on the style file for BerliOS MinionPro for  $\LaTeX$  support. I have deleted lots of lines and added a few lines.

- `textlf`, `textosf`, `mathlf`, `mathosf`: Specifies LF of OsF in text or math.
- `mixedgreek` (default): Specifies italic lowercase and roman uppercase Greeks (e.g.,  $\alpha \beta \gamma \Delta \Omega$ ).
- `romangreek`: Specifies roman lowercase and roman uppercase Greeks (e.g.,  $\alpha \beta \gamma \Delta \Omega$ ).
- `italicgreek`: Specifies italic lowercase and italic uppercase Greeks (e.g.,  $\alpha \beta \gamma \Delta \Omega$ ).

## 4 Text Test

MyriadPro provides two Latin font sets (Lining Figures and Old style Figures).

**Myriad-LF/m/n** (Regular): The quick brown fox jumps over the lazy dog. 0123456789.

**Myriad-LF/m/it** (Italic): *The quick brown fox jumps over the lazy dog. 0123456789.*

**Myriad-LF/b/n** (Bold): **The quick brown fox jumps over the lazy dog. 0123456789.**

**Myriad-LF/b/it** (Bold Italic): ***The quick brown fox jumps over the lazy dog. 0123456789.***

**Myriad-OsF/m/n** (Regular): The quick brown fox jumps over the lazy dog. 0123456789.

**Myriad-OsF/m/it** (Italic): *The quick brown fox jumps over the lazy dog. 0123456789.*

**Myriad-OsF/b/n** (Bold): **The quick brown fox jumps over the lazy dog. 0123456789.**

**Myriad-OsF/b/it** (Bold Italic): ***The quick brown fox jumps over the lazy dog. 0123456789.***

## 5 Math Test

If the Myriad package is loaded, you can also use MyriadPro regular, italic, Greek, and a few symbols in the math mode. You should remember that this support is very limited. See the following equation:

$$f(x) = \sin(\alpha) + \Gamma + \gamma(x) + 0.1286 + \int_0^N g(x) dx + \frac{\partial h(x)}{\partial t} \quad (1)$$

Italic Greeks are:

$$\alpha \beta \gamma \delta \epsilon \epsilon \zeta \eta \theta \iota \kappa \lambda \mu \nu \xi \pi \rho \rho \sigma \tau \upsilon \phi \chi \psi \omega \quad (2)$$

$$\Gamma \Delta \Theta \Lambda \Xi \Pi \Sigma \Upsilon \Phi \Psi \Omega \quad (3)$$

where “italic lowercase” is default and “italic uppercase” should be called by, for example, `\itGamma`.

Upright Greeks are:

$$\alpha \beta \gamma \delta \epsilon \epsilon \zeta \eta \theta \iota \kappa \lambda \mu \nu \xi \pi \rho \rho \sigma \tau \upsilon \phi \chi \psi \omega \quad (4)$$

$$\Gamma \Delta \Theta \Lambda \Xi \Pi \Sigma \Upsilon \Phi \Psi \Omega \quad (5)$$

where “upright lowercase” is called by, for example, `\upalpha` and “upright uppercase” is default.

This package provides some additional math symbols:

Symbols in CMSY	Symbol Variants	Command
$\int$	$\int$	<code>\varsmallint</code>
$\sum$	$\Sigma$	<code>\varsum</code>
$\prod$	$\Pi$	<code>\varprod</code>
$\partial$	$\partial$	<code>\varpartial</code>
$\infty$	$\infty$	<code>\varinfty</code>
$\leq$	$\leq$	<code>\varleq</code>
$\geq$	$\geq$	<code>\vargeq</code>

However,  $\int$ ,  $\Sigma$ , and  $\Pi$  should be taken from MyriadPro-Regular OTF.