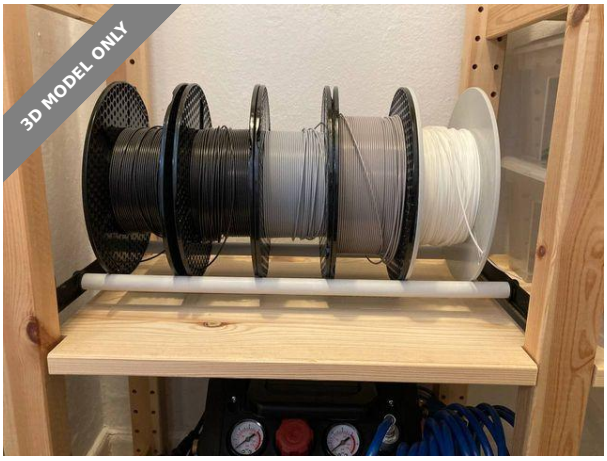

IVAR EN16 Conduit Pipe Filament Storage

bazjo

VIEW IN BROWSER

updated 31. 7. 2023 | published 31. 7. 2023

Summary

Minimal Filament Storage System for IKEA IVAR shelfing

3D Printers > Accessories

Tags: ivar ikea conduit filamentstorage en16

This minimal shelfing system uses EN16 PVC conduit pipe to store filament spools in 300 mm deep IKEA IVAR shelfing.

Each shelf uses less than 50 g of Filament and prints in less than an hour.
It is recommended to use a small brim for the structural peg only.

The required length of EN16 conduit pipe are
2x 425 mm for the 420 mm wide shelf
2x 835 mm for the 830 mm wide shelf
(but for stability you might want to span multiple units if you have 830 mm wide shelfs)

You will need 2x of the main unit and 4x of each peg (structural peg, locking peg) per shelf. The main peg can be substituted with an original IVAR peg.
It is recommended to add at 2-3 normal shelfs as well as cross-brace in each unit for stability. You might to want to add a drop of glue to the locking pegs and the conduit pipes but it is not required.

Model files

ivar-en16-conduit-pipe-filament-storage-main-part.stl

ivar-en16-conduit-pipe-filament-storage-locking-peg.stl

ivar-en16-conduit-pipe-filament-storage-structural-... .stl

ivar-en16-conduit-pipe-filament-storage-main-part.3mf

ivar-en16-conduit-pipe-filament-storage-structural-... .3mf

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