



Stormtrooper First Order TFA Helmet | Screen-Accurate Star Wars Cosplay Prop



KeepTheBOX

[VIEW IN BROWSER](#)

updated 17. 4. 2025 | published 17. 4. 2025

Summary

Screen-accurate, wearable First Order Stormtrooper helmet from Star Wars: The Force Awakens. For cosplay or display.



554.88 hrs



10 pcs



0.05 mm



0.40 mm



ASA



1152 g



Prusa
MK2.5/S

[Costumes & Accessories](#) > [Cosplay & Costumes in general](#)

Tags: [starwars](#) [cosplay](#) [helmet](#) [stormtrooper](#) [wearable](#)
[firstorder](#) [theforceawakens](#) [stormtroopers](#) [stormtrooperhelmet](#)

Stormtooper First Order The Force Aweakens helm weareble

- the 3mf files are prepared for multicolorprint
- the holder for the helmet inlays can be deleted in prusaslicer or windows 3d builder
- same for the speakermounts

- for the background behind the mesh and the cheek vents i use fabric

Here are some links for the speakers and the front mesh:

https://www.reichelt.de/kleinlautsprecher-lsm-4090a-5w-8ohm-lsm-4090a-p145874.html?&trstct=pos_0&nbc=1

<https://www.ebay.de/itm/333495761286>

Update 15.4.2024:

- mesh Template is in Din A 3 Format consider this while printing and make sure the print is not scaled to a bigger or smaler sice

Update 03.09.2020:

-added greablies

-added seperate helmet suspension holder

-added helmet suspension holder placement helper

-added new complet 3mf file with a scan of me to compare messurements

-you can download a template for the mesh here

<https://drive.google.com/file/d/1HedsQkUmLoRNPBRoEeyagUR31AdpKMSZ/view?usp=sharing>

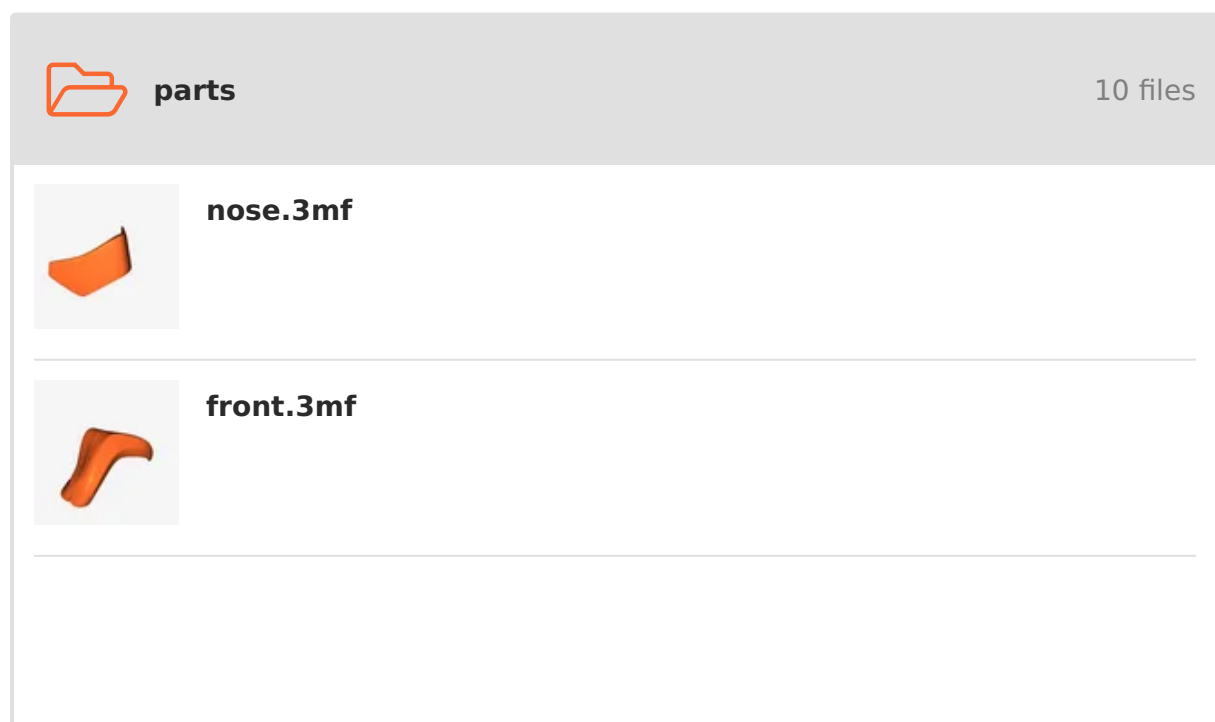
Update 05.09.2020:

-added exploded view

-added a template for the glases

-added a plane mesh for printing in case you cant get a metal mesh

Model files





inside-1.3mf



top-back.3mf



back.3mf



top.3mf



top-front.3mf



inside-2.3mf



side-1.3mf

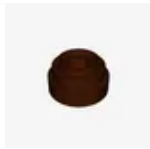


side-2.3mf



greablies

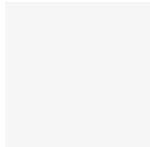
3 files



aerator.3mf



top-greablies.3mf



dots.3mf



template

2 files



mesh.3mf

☐ optional



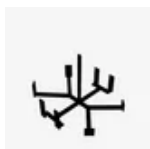
glas-template.3mf

☐ optional



helmet suspension

2 files



helmet-suspension-placer.3mf

☐ optional



helmet-suspension-holder.3mf

☐ optional



uncut file

1 file



tfa_helmet_v2-final_uncut.3mf

Print files



back_005mm_asa_mk25s_3d4h0m_168671.gcode

ASA 0.40 mm 0.05 mm 76.01 hrs 169 g Prusa MK2.5/S



inside-1_005mm_asa_mk25s_7h39m_136855.gcode

ASA 0.40 mm 0.05 mm 7.65 hrs 14 g Prusa MK2.5/S



inside-2_005mm_asa_mk25s_2d4h11m_1008.gcode

ASA 0.40 mm 0.05 mm 52.18 hrs 101 g Prusa MK2.5/S



top_005mm_asa_mk25s_3d1h10m_152309.gcode

ASA 0.40 mm 0.05 mm 73.16 hrs 152 g Prusa MK2.5/S



top-front_005mm_asa_mk25s_2d20h55m_139136.gcode

ASA 0.40 mm 0.05 mm 68.92 hrs 139 g Prusa MK2.5/S



nose_005mm_asa_mk25s_1d11h21m_695066.gcode

ASA 0.40 mm 0.05 mm 35.34 hrs 70 g Prusa MK2.5/S



side-1_005mm_asa_mk25s_2d12h0m_127626.gcode

🌀 ASA 📏 0.40 mm ⚖️ 0.05 mm ⌚ 60.00 hrs ⚖️ 128 g 📄 Prusa MK2.5/S



side-2_005mm_asa_mk25s_2d11h2m_126583.gcode

🌀 ASA 📏 0.40 mm ⚖️ 0.05 mm ⌚ 59.04 hrs ⚖️ 127 g 📄 Prusa MK2.5/S



front_005mm_asa_mk25s_2d11h58m_131898.gcode

🌀 ASA 📏 0.40 mm ⚖️ 0.05 mm ⌚ 59.96 hrs ⚖️ 132 g 📄 Prusa MK2.5/S



top-back_005mm_asa_mk25s_2d14h37m_121972.gcode

🌀 ASA 📏 0.40 mm ⚖️ 0.05 mm ⌚ 62.62 hrs ⚖️ 122 g 📄 Prusa MK2.5/S

Other files



mesh-template.pdf

📄 Din A3 Format

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