

# Mesh clean-up options

CHAT-0242 / REV EXPORT-03 / 2026.08.05

A conversation-specific public summary of mesh clean-up options, distilled from the supplied export. The detailed excerpts remain available in the released note file.

|                |                                         |
|----------------|-----------------------------------------|
| STATUS         | RECOVERED / SPECIFIC NOTE               |
| CLASSIFICATION | SYS                                     |
| MATERIAL       | CHAT EXPORT / BUILD & TOOLS             |
| DISPOSITION    | PUBLIC CONVERSATION EXCERPTS / REDACTED |
| CATEGORY       | Build & Tools                           |
| RECORD TYPE    | build-thread                            |

## TECHNICAL NOTES

Conversation-specific knowledge extracted from the mesh clean-up options discussion.

## CONVERSATION / QUESTION AND CONTEXT

What options should i use here to get a clean mesh

## CONVERSATION / EXTRACTED GUIDANCE

1. Mesh Triangle Size: `0.030 in` - a good starting point for normal fabricated parts.
2. Smooth Mesh: Checked.
3. Show Mesh Preview: Checked.
4. Scan Inside Containment: Checked, with the containment box kept fairly tight around the part.
5. Clip Plane: Use this to remove the table, floor, fixture, or anything underneath the part.
6. Plane Clipping Offset: Start at `0.050 in`; adjust until the unwanted surface disappears without cutting into the part.
7. Flip Plane Directions: Only check this if it removes the part instead of the background.
8. Use this starting setup:

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## SPECIFICATION

|               |                                  |
|---------------|----------------------------------|
| SOURCE        | Supplied ChatGPT export          |
| CATEGORY      | Build & Tools                    |
| CONVERSATION  | 1 user turns / 2 assistant turns |
| ATTACHMENTS   | 16 references detected           |
| PUBLIC DETAIL | Extracted knowledge + excerpts   |

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## DEVELOPMENT HISTORY

2026.08.05 / EXPORT-04

Matched to the supplied export; key guidance is surfaced separately and the raw transcript remains unpublished.

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## RELEASED MATERIAL / SOURCE LINKS

CHAT-0242-public-note.txt

PUBLIC-SAFE CONVERSATION NOTE / UNIQUE FILE

<https://u225x.com/downloads/chat-records/CHAT-0242-public-note.txt>

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## RETURN TO THE LIVING RECORD

### Mesh clean-up options

This PDF preserves the public notes at this revision. Visit the record for updates and attached images.

<https://u225x.com/record/CHAT-0242>

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