



Industrial gas bottle dust cap - 5/8" BSP / 22.8 mm



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Summary

Industrial gas bottle dust cap - 5/8" BSP / 22.8 mm (Argon gas) Standard sizing for Australia - Size 'D' bottle



1.04 hrs



1 pcs



0.20 mm



0.40 mm



PET



10 g



Prusa MK4

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Tags: [cap](#) [plug](#) [dust](#) [gas](#) [argon](#)

Hey team,

I recently had a need to transport a 'Size D' Argon gas bottle and wanted to put together a dust cap for safe transport.

The information for this threat was gathered from this website: <https://www.hoseshop.net/blog/bsp-threads/>

In my case, measuring the male thread outside diameter was 22.8mm ∴ 5/8" BSP thread.

I put a slight taper on the thread to mimic the original and knocked off the sharp points with a 120° angle so that it was printer friendly without support.

I included an inbuilt 10mm hex internal socket just in case, for whatever reason, the dust cap snapped off, but I wouldn't expect anyone to tighten this bolt, it's really just to sit in the bottle to keep the dust out :-)

Hope this is useful for somebody out there

Cheers

Model files



gasbottleplug.3mf



gasbottleplug.3mf

Print files



gasbottleplug_04n_02mm_petg_mk4_1h2m.gcode

PET 0.40 mm 0.20 mm 1.04 hrs 10 g Prusa MK4

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