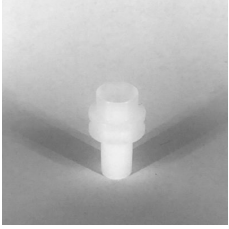


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PTFE COUPLERS



TFN PTFE COUPLER UMO

Improved PTFE part for UMO. A very handy spare part to have. Image is illustration only. Product is different.

Replacement PTFE coupler for Ultimaker ORIGINAL ONLY!
This item is improved so filament will not so easily be stuck when inserted.

Weight 0.2 kg
Dimensions 5 x 3 x 1 cm
Filament Size 1.75mm, 2.85mm

[Read More](#)

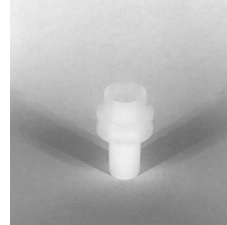
Variations

SKU	Description	Filament Size	Price
7072482000345-1	For 2.85mm filament	2.85mm	€ 15,00
7072482000352-1	For 1.75mm filament	1.75mm	€ 15,00

SKU: N/A

Price: € 15,00

Categories: [Other UM Parts](#), [PTFE Couplers](#)



TFN PTFE COUPLER UM2/+

Improved PTFE part for UM2/+. A very handy spare part to have.

Replacement PTFE coupler for UM2 & UM2+.
This item is improved so filament will not so easily be stuck when inserted.

Weight N/A
Dimensions N/A
Filament Size 1.75mm, 2.85mm

[Read More](#)

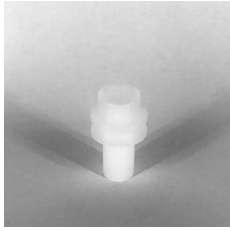
Variations

SKU	Description	Filament Size	Price
7072482000345	For 2.85mm filament	2.85mm	€ 15,00
7072482000352	For 1.75mm filament	1.75mm	€ 15,00

SKU: N/A

Price: € 15,00

Categories: [Other UM Parts](#), [PTFE Couplers](#)



TF2K

High Temperature PTFE upgrade. Allows you to print at 290C (requires firmware upgrade for temp above 260C). Printing ABS at 260C, it will last "for ever". Contains PTFE coupler & I2K chip.

Print as much as you can for 6 months at 290C or less. If it "melts, coupler squeeze" before this time we replace it. That is how confident we are! No charge, no outbound shipping. If it is only physically worn on its inside, we replace it with a 50% discount. I2K is never replaced. Works with ALL filaments known to us as of October 19th 2016. Orders taken now, this product will sell out in periods. Consists of I2K wafer chip & TFT255C in combination.

Weight	0.006 kg
Dimensions	6 x 3 x 1 cm
Filamen Size	1.75mm, 2.85mm

[Read More](#)

Variations

SKU	Description	Filamen Size	Price
7072482000369		2.85mm	€ 28,00
7072482000376		1.75mm	€ 28,00

SKU: N/A

Price: € 28,00

Categories: [Ultimaker 2](#), [PTFE Couplers](#)



I2K

One of our coolest items! Sold to universities and matter hackers world wide! manufactured from a US-made engineering plastic. It serves as an insulator between the coupler and the hot end. With it you can print at 295C "all day long".

Very useful! Great pay-back! Will save you at least 1, probably many hot end assemblies! Fact: bought together with our own PTFE coupler in a kit named [TF2K](#), we guarantee for 6months unlimited printing (excludes physical abrasion of PTFE). If you print PLA or any non-"filled" filament, your PTFE will last more than 1.000 hours continuous. Usage: Unplug PTFE from steel coupler, insert I2K, re-insert PTFE. Finished. Stop printing, be turned all the way down to block, and only half turn back up allowed for syringe. This precision machined upgrade insulates the Teflon coupler from the hot end, enabling the Teflon coupler to live for a long time. (image is from engineering drawing). Teflon will still deform, but much more slowly.

It's underside is no longer in contact with the Hot End, but on retractions, the steel coupler touches the inside wall.

Over time the Teflon still forfeits sufficiently of its properties to start imploding, "squeezing" the filament and hot retracted plastic.

This part is in shape of a "wafer chip" and installs easily together with "Matchmaker". It is a perfect fit, so your SS coupler (the steel item with the radial holes in it) never gets dirty, clean inside.

HOW TO INSTALL - RIGHTLY! I2K Chip is Inside under Teflon

The I2K will save your PTFE Teflon coupler from deforming for a long time, and avoid print head assembly rebuilds. We have 1.000+ hours at 260C varied printing, without deforming. A lot of retractions @260+ influences longevity of the Teflon negatively. The I2K itself can take 300C continuously, and will outlast your printer if you print at normal temperature.

The I2K rests inside the steel coupler with the radial holes. It protects the PTFE coupler from the hot end. Attention: The steel coupler is screwed down all the way, then back up until it just adjust dual setup, if needed. This makes higher pressure.

WRONG- Steel Coupler not far enough down. May cause leaks.

Weight	N/A
Filament Size	175mm, 2.85mm

[Read More](#)

Variations

SKU	Description	Filament Size
7072482000338	For 2,85mm filament use	2.85mm
7072482000536	For 1.75mm UM2 conversion.	175mm

SKU: N/A

Price: € 15,00

Categories: [Other UM Parts](#), [PTFE Couplers](#)