

# INTEGRA



## GRIP TIP Guide

# 1 Selector Guide

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INTEGRA offers a wide range of GRIPTIPS in the volume ranges from 12.5 µl – 5000 µl.



Visit the GRIPTIP Selector Guide ([www.integra-biosciences.com/griptips](http://www.integra-biosciences.com/griptips)) to find the correct GRIPTIPS and set a filter by available volumes, packaging and properties.

## 1.1 INTEGRA pipette or pipetting device

The GRIPTIPS selection depends on which pipette or pipetting device you work with:

	GRIPTIPS for handheld pipettes	GRIPTIPS for automation
Device	EVOLVE, VIAFLO, VOYAGER, ASSIST	MINI 96, VIAFLO 96/384, ASSIST PLUS
Tips	ECO racks (3xxx series) GREEN CHOICE & bulk (44xx series)	Automation friendly racks (6xxx series) GREEN CHOICE & bulk (64xx series)

- **GRIPTIPS for handheld pipettes:** for EVOLVE, VIAFLO, VOYAGER and ASSIST
- **GRIPTIPS for automation:** for MINI 96, VIAFLO 96, VIAFLO 384 and ASSIST PLUS. These GRIPTIPS have undergone straightness testing and were engineered to resist the shear forces of automated tip loading on benchtop pipetting systems. For 384 configuration GRIPTIPS, extra sturdy antistatic XYZ-racks are used.



### NOTE

*Autoclaving of automation GRIPTIPS is not recommended as they may warp during the process, which can lead to incorrect tip loading and obstruct precise well targeting.*

## 1.2 Package options

- **ECO racks:** lightweight PET racks, environmentally friendly with 60% less plastic. They have a carbon footprint half the amount of standard racks. Most convenient experience when paired with the reusable POPTOP Base.
- **Automation friendly racks:** for automated tip loading, refillable with GREEN CHOICE inserts.
- **GREEN CHOICE:** environmentally friendly refills allowing the reuse of existing racks and thus reduces plastic waste.
- **Bulk packs:** tips in a resealable bag for hand loading.

If recycling is possible in your region, reuse the cardboard box your GRIPTIPS are delivered in for collection by a parcel service.

### 1.3 GRIPTIP properties

According to our cleanroom standards, all GRIPTIPS (non-sterile, pre-sterilized and sterile) comply with our VIAPURE claims. This states that all product are RNase, DNase, endotoxin and pyrogenic free.

- **Sterile/pre-sterilized** products are gamma irradiated within the minimum and maximum dosage range specified for INTEGRA sterile products. Standard racks are individually vacuum sealed in a bag and are considered sterile until opened. Pre-sterilized ECO racks are individually latched and sealed with a heat shrink band. The entire case of 5 pre-sterilized GREEN CHOICE inserts are sealed.
- **Non-sterile** items are manufactured in the same cleanroom and packed in a carton case.
- **Long**: longer design allows easy access into deep laboratory vessels
- **Short**: shorter design allows easy access in 1536 well plates or improves ergonomics
- **Wide bore**: large opening at the tip end, reduces shear forces
- **Low retention**: low liquid retention, for liquids with low surface tension





## 2 Recycling information



Cardboard packages and racks are recyclable.  
Please check your local municipal guidelines.



**WARNING**  
*Only recycle clean, non-hazardous materials.*

Product part	Material	Identification
Overpacks and cases	Cardboard	 
Racks, GRIPTIPS	Polypropylene	
ECO racks	Polyethylene terephthalate	
Shrink bands, bags	Coated, irradiation resistant foil, not recyclable	NA

### 3 Part numbers

#### 3.1 POPTOP base

<b>POPTOP base for reuse with ECO racks or GREEN CHOICE refills</b>	<b>Part. no.</b>
POPTOP base, small, for 12.5 µl, 125 µl and 300 µl GRIPTIPS	3250
POPTOP base, large, for 300 µl long and 1250 µl GRIPTIPS	3255

#### 3.2 GRIPTIPS

<b>GRIPTIPS for 2, 10, 12.5 and 20 µl handheld pipettes: purple</b>		<b>Part no.</b>
<b>12.5 µl</b>	non-sterile, 10 ECO racks of 384 tips	3413
	pre-sterilized, 10 ECO racks of 384 tips	3414
	filter, pre-sterilized, 10 ECO racks of 384 tips	3415
	non-sterile, 10 ECO racks of 96 tips	3416
	pre-sterilized, 10 ECO racks of 96 tips	3417
	filter, pre-sterilized, 10 ECO racks of 96 tips	3418
<b>12.5 µl</b> long	long, non-sterile, 10 ECO racks of 384 tips	3403
	long, pre-sterilized, 10 ECO racks of 384 tips	3404
	long, filter, pre-sterilized, 10 ECO racks of 384 tips	3405
	long, non-sterile, 10 ECO racks of 96 tips	3406
	long, pre-sterilized, 10 ECO racks of 96 tips	3407
	long, filter, pre-sterilized, 10 ECO racks of 96 tips	3408
<b>12.5 µl</b> low retention	low retention, non-sterile, 10 ECO racks of 384 tips	3513
	low retention, pre-sterilized, 10 ECO racks of 384 tips	3514
	low retention, filter, pre-sterilized, 10 ECO racks of 384 tips	3515
	low retention, non-sterile, 10 ECO racks of 96 tips	3516
	low retention, pre-sterilized, 10 ECO racks of 96 tips	3517
	low retention, filter, pre-sterilized, 10 ECO racks of 96 tips	3518
<b>12.5 µl</b> long low retention	long, low retention, non-sterile, 10 ECO racks of 384 tips	3503
	long, low retention, pre-sterilized, 10 ECO racks of 384 tips	3504
	long, low retention, filter, pre-sterilized, 10 ECO racks of 384 tips	3505
	long, low retention, non-sterile, 10 ECO racks of 96 tips	3506
	long, low retention, pre-sterilized, 10 ECO racks of 96 tips	3507
	long, low retention, filter, pre-sterilized, 10 ECO racks of 96 tips	3508

<b>GRIPTIPS for 2, 10, 12.5 and 20 µl handheld pipettes: purple</b>		<b>Part no.</b>
<b>12.5 µl</b>	non-sterile, 1 bag of 1000 tips	4411
	non-sterile, 5 inserts of 384 tips, GREEN CHOICE	4412
	pre-sterilized, 5 inserts of 384 tips, GREEN CHOICE	4416
<b>12.5 µl</b> long	long, non-sterile, 1 bag of 1000 tips	4401
	long, non-sterile, 5 inserts of 384 tips, GREEN CHOICE	4402
	long, pre-sterilized, 5 inserts of 384 tips, GREEN CHOICE	4406

<b>GRIPTIPS for automation: 12.5 µl, purple</b>		<b>Part no.</b>
<b>12.5 µl</b>	non-sterile, 5 racks of 384 tips	6453
	sterile, 5 racks of 384 tips	6454
	filter, sterile, 5 racks of 384 tips	6455
	filter, sterile, 4 cases with 5 racks of 384 tips	6459
<b>12.5 µl</b> long/short	long, non-sterile, 5 racks of 384 tips	6403
	long, sterile, 5 racks of 384 tips	6404
	long, filter, sterile, 5 racks of 384 tips	6405
	short, filter, sterile, 5 racks of 384 tips	6475
<b>12.5 µl</b> low retention	low retention, non-sterile, 5 racks of 384 tips	6553
	low retention, sterile, 5 racks of 384 tips	6554
	low retention, filter, sterile, 5 racks of 384 tips	6555
<b>12.5 µl</b> long/short low retention	long, low retention, non-sterile, 5 racks of 384 tips	6503
	long, low retention, sterile, 5 racks of 384 tips	6504
	long, low retention, filter, sterile, 5 racks of 384 tips	6505
	short, low retention, filter, sterile, 5 racks of 384 tips	6575

<b>GRIPTIPS for 50, 100 and 125 µl handheld pipettes: yellow</b>		<b>Part no.</b>
<b>125 µl</b>	non-sterile, 10 ECO racks of 384 tips	3423
	pre-sterilized, 10 ECO racks of 384 tips	3424
	filter, pre-sterilized, 10 ECO racks of 384 tips	3425
	non-sterile, 10 ECO racks of 96 tips	3426
	pre-sterilized, 10 ECO racks of 96 tips	3427
	filter, pre-sterilized, 10 ECO racks of 96 tips	3428
<b>125 µl</b> low retention	low retention, non-sterile, 10 ECO racks of 384 tips	3523
	low retention, pre-sterilized, 10 ECO racks of 384 tips	3524
	low retention, filter, pre-sterilized, 10 ECO racks of 384 tips	3525
	low retention, non-sterile, 10 ECO racks of 96 tips	3526
	low retention, pre-sterilized, 10 ECO racks of 96 tips	3527
	low retention, filter, pre-sterilized, 10 ECO racks of 96 tips	3528
<b>125 µl</b>	non-sterile, 1 bag of 1000 tips	4421
	non-sterile, 5 inserts of 384 tips, GREEN CHOICE	4422
	pre-sterilized, 5 inserts of 384 tips, GREEN CHOICE	4426

<b>GRIPTIPS for automation: 125 µl, yellow</b>		<b>Part no.</b>
<b>125 µl</b>	non-sterile, 5 racks of 384 tips	6463
	sterile, 5 racks of 384 tips	6464
	filter, sterile, 5 racks of 384 tips	6465
<b>125 µl</b> low retention	low retention, non-sterile, 5 racks of 384 tips	6563
	low retention, sterile, 5 racks of 384 tips	6564
	low retention, filter, sterile, 5 racks of 384 tips	6565

<b>GRIPTIPS for 200 and 300 µl handheld pipettes: green</b>		<b>Part no.</b>
<b>300 µl</b>	non-sterile, 10 ECO racks of 96 tips	3433
	pre-sterilized, 10 ECO racks of 96 tips	3434
	filter, pre-sterilized, 10 ECO racks of 96 tips	3435
<b>300 µl</b> long	long, non-sterile, 10 ECO racks of 96 tips	3483
	long, pre-sterilized, 10 ECO racks of 96 tips	3484
	long, filter, pre-sterilized, 10 ECO racks of 96 tips	3485
<b>300 µl</b> low retention	low retention, non-sterile, 10 ECO racks of 96 tips	3533
	low retention, pre-sterilized, 10 ECO racks of 96 tips	3534
	low retention, filter, pre-sterilized, 10 ECO racks of 96 tips	3535
<b>300 µl</b> wide bore	wide bore, non-sterile, 10 ECO racks of 96 tips	3633
	wide bore, pre-sterilized, 10 ECO racks of 96 tips	3634
	wide bore, filter, pre-sterilized, 10 ECO racks of 96 tips	3635
<b>300 µl</b>	non-sterile, 1 bag of 1000 tips	4431
	non-sterile, 5 inserts of 96 tips, GREEN CHOICE	4432
	pre-sterilized, 5 inserts of 96 tips, GREEN CHOICE	4436
<b>300 µl</b> long	long, non-sterile, 1 bag of 1000 tips	4481
	long, non-sterile, 5 inserts of 96 tips, GREEN CHOICE	4482
	long, pre-sterilized, 5 inserts of 96 tips, GREEN CHOICE	4486
<b>GRIPTIPS for automation: 300 µl, green</b>		<b>Part no.</b>
<b>300 µl</b>	non-sterile, 5 inserts of 96 tips, GREEN CHOICE	6432
	non-sterile, 5 racks of 96 tips	6433
	sterile, 5 racks of 96 tips	6434
	filter, sterile, 5 racks of 96 tips	6435
<b>300 µl</b> long	long, non-sterile, 5 inserts of 96 tips, GREEN CHOICE	6482
	long, non-sterile, 5 racks of 96 tips	6483
	long, sterile, 5 racks of 96 tips	6484
	long, filter, sterile, 5 racks of 96 tips	6485
<b>300 µl</b> low retention	low retention, non-sterile, 5 racks of 96 tips	6533
	low retention, sterile, 5 racks of 96 tips	6534
	low retention, filter, sterile, 5 racks of 96 tips	6535
<b>300 µl</b> wide bore	wide bore, non-sterile, 5 racks of 96 tips	6633
	wide bore, sterile, 5 racks of 96 tips	6634
	wide bore, filter, sterile, 5 racks of 96 tips	6635

<b>GRIPTIPS for 1000 and 1250 µl handheld pipettes: blue</b>		<b>Part no.</b>
<b>1250 µl</b>	non-sterile, 10 ECO racks of 96 tips	3443
	pre-sterilized, 10 ECO racks of 96 tips	3444
	filter, pre-sterilized, 10 ECO racks of 96 tips	3445
<b>1250 µl</b> short	short, non-sterile, 10 ECO racks of 96 tips	3493
	short, pre-sterilized, 10 ECO racks of 96 tips	3494
	short, filter, pre-sterilized, 10 ECO racks of 96 tips	3495
<b>1250 µl</b> low retention	low retention, non-sterile, 10 ECO racks of 96 tips	3543
	low retention, pre-sterilized, 10 ECO racks of 96 tips	3544
	low retention, filter, pre-sterilized, 10 ECO racks of 96 tips	3545
<b>1250 µl</b> wide bore	wide bore, non-sterile, 10 ECO racks of 96 tips	3643
	wide bore, pre-sterilized, 10 ECO racks of 96 tips	3644
	wide bore, filter, pre-sterilized, 10 ECO racks of 96 tips	3645
<b>1250 µl</b>	non-sterile, 1 bag of 500 tips	4441
	non-sterile, 5 inserts of 96 tips, GREEN CHOICE	4442
	pre-sterilized, 5 inserts of 96 tips, GREEN CHOICE	4446
<b>1250 µl</b> short	short, non-sterile, 1 bag of 500 tips	4491
	short, non-sterile, 5 inserts of 96 tips, GREEN CHOICE	4492
	short, pre-sterilized, 5 inserts of 96 tips, GREEN CHOICE	4496



<b>GRIPTIPS for automation: 1250 µl, blue</b>		<b>Part no.</b>
<b>1250 µl</b>	non-sterile, 5 inserts of 96 tips, GREEN CHOICE	6442
	non-sterile, 5 racks of 96 tips	6443
	sterile, 5 racks of 96 tips	6444
	filter, sterile, 5 racks of 96 tips	6445
<b>1250 µl</b> short	short, non-sterile, 5 inserts of 96 tips, GREEN CHOICE	6492
	short, non-sterile, 5 racks of 96 tips	6493
	short, sterile, 5 racks of 96 tips	6494
	short, filter, sterile, 5 racks of 96 tips	6495
<b>1250 µl</b> wide bore	wide bore, non-sterile, 5 racks of 96 tips	6643
	wide bore, sterile, 5 racks of 96 tips	6644
	wide bore, filter, sterile, 5 racks of 96 tips	6645
<b>1250 µl</b> low retention	low retention, non-sterile, 5 racks of 96 tips	6543
	low retention, sterile, 5 racks of 96 tips	6544
	low retention, filter, sterile, 5 racks of 96 tips	6545
<b>1250 µl</b> short low retention	short, low retention, non-sterile, 5 racks of 96 tips	6593
	short, low retention, sterile, 5 racks of 96 tips	6594
	short, low retention, filter, sterile, 5 racks of 96 tips	6595

<b>GRIPTIPS for 5000 µl handheld pipettes: orange</b>		<b>Part no.</b>
<b>5000 µl</b>	non-sterile, 1 bag of 250 tips	4451
	non-sterile, 5 racks of 48 tips	4453
	sterile, 5 racks of 48 tips	4454
	filter, sterile, 5 racks of 48 tips	4455
	sterile, 1 bag of 100 individually wrapped tips	4456