



**ACT.**  
The Environmental  
Impact Factor Label

**USA**  
**SCIENTIFIC**  
SIDE BY SCIENCE

## Introducing the ACT<sup>®</sup> Label

A Pathway to Greener Laboratory Choices

# About the Label:

Our commitment to sustainability has been a core value at USA Scientific for decades. We take all facets of improving global health seriously. From our 100% wind-powered TipOne® production facility in Connecticut to our dedication to reducing paper usage, USA Scientific is taking multiple steps to improve our world. We have taken the next step in our sustainability journey by collaborating with My Green Lab, a non-profit organization that is dedicated to improving the sustainability of scientific research. The ACT Environmental Impact Factor Label does just that. Focusing on Accountability, Consistency, and Transparency (ACT), the labels show manufacturing, energy and water use, packaging, and end-of-life impact factors so researchers can make informed decisions about the products they use and their impact on the environment.

## How to read the label:

ACT. The Environmental Impact Factor Label		US
<b>Product Name</b>		
Product Location SKU 0000		
Environmental Impact Scale Decreasing Environmental Impact		
1		10
<b>Manufacturing</b>		
Manufacturing Impact Reduction		3
Renewable Energy Use		Yes
Responsible Chemical Management		5
Shipping Impact		9
Product Content		1
Packaging Content		5
<b>User Impact</b>		
Energy Consumption (kWh/day)		2.5
Water Consumption (gallons/day)		13.1
Product Lifetime		4
<b>End of Life</b>		
Packaging		5
Product		1
<b>Innovation</b>		
Innovative Practices		-1
<b>Environmental Impact Factor:</b>		<b>50.1</b>
Label Valid Through:		January 2021
		act.mygreenlab.org

**Region:** Regional labels capture the differences in the Shipping and End of Life impacts for each region (US, EU, UK) in which the product is sold. The regional labels also showcase how the energy usage may vary across the markets and reports the water usage in units specific to the market (gallons per day or liters per day) for equipment.

**Impact Numbers:** These values are graded on a scale of 1-10, with 1 indicating the lowest environmental impact and 10 indicating the highest environmental impact. Detailed scoring explanations for each category are outlined in the verification guide.

**Renewable Energy Use:** This category is either yes or no.

**Consumption Numbers:** These values represent actual daily consumption and apply only to equipment.

**Environmental Impact Factor** is the sum total of all values. A lower number indicates a lower overall environmental impact.

**Valid Date:** ACT labels are valid for two years from the date of issue.

# Racked Tips



TipOne racks are reusable and will last through repeated autoclaving cycles. In 2015, we introduced newly redesigned products that save even more plastic and shelf space, resulting in reduced shipping impact and lower CO2 emissions.

ACT. The Environmental Impact Factor Label	
USA Scientific TipOne® 10 µl Natural Pipette Tips, Racks	
Enfield, Connecticut, United States	
SKU 1111-3800	
Environmental Impact Scale Decreasing Environmental Impact	
1 ————— 10	
<b>Manufacturing</b>	
Manufacturing Impact Reduction	3.0
Renewable Energy Use	Yes
Responsible Chemical Management	1.0
Shipping Impact	1.0
Product Content	5.0
Packaging Content	1.0
<b>User Impact</b>	
Energy Consumption (kWh/day)	N/A
Water Consumption (gallons/day)	N/A
Product Lifetime	4.2
<b>End of Life</b>	
Packaging	7.3
Product	5.4
<b>Environmental Impact Factor:</b>	<b>28.1</b>
Label Valid Through:	March 2024
act.mygreenlab.org	

# Racked Filter Tips



Similar to our racked tips, racked filter tips come in reusable polypropylene racks. Both racks and wafers are marked with #5 polypropylene for easy identification for recycling.

ACT. The Environmental Impact Factor Label	
USA Scientific TipOne® 10 µl Natural Filter Pipette Tips, Sterile Racks	
Enfield, Connecticut, United States	
SKU 1121-3810	
Environmental Impact Scale Decreasing Environmental Impact	
1 ————— 10	
<b>Manufacturing</b>	
Manufacturing Impact Reduction	3.0
Renewable Energy Use	Yes
Responsible Chemical Management	1.0
Shipping Impact	1.0
Product Content	5.0
Packaging Content	1.0
<b>User Impact</b>	
Energy Consumption (kWh/day)	N/A
Water Consumption (gallons/day)	N/A
Product Lifetime	4.4
<b>End of Life</b>	
Packaging	7.3
Product	5.4
<b>Environmental Impact Factor:</b>	<b>28.3</b>
Label Valid Through:	March 2024
act.mygreenlab.org	

# Refill Wafers



Refill wafers are a great way of reducing lab plastic. Wafers can be loaded into existing racks, saving over 65% of plastic by weight compared to the same amount of individual racked tips. Less plastic also means less space taken up in your lab for easy storage.

ACT. The Environmental Impact Factor Label	
USA Scientific TipOne® 10 µl XL Ultra Micro Pipette Tips, Refills	
Enfield, Connecticut, United States	
SKU 1110-3200	
Environmental Impact Scale Decreasing Environmental Impact	
1 ————— 10	
<b>Manufacturing</b>	
Manufacturing Impact Reduction	3.0
Renewable Energy Use	Yes
Responsible Chemical Management	1.0
Shipping Impact	1.0
Product Content	5.0
Packaging Content	5.0
<b>User Impact</b>	
Energy Consumption (kWh/day)	N/A
Water Consumption (gallons/day)	N/A
Product Lifetime	4.0
<b>End of Life</b>	
Packaging	7.5
Product	4.2
<b>Environmental Impact Factor:</b>	<b>32.7</b>
Label Valid Through:	March 2024
act.mygreenlab.org	

# Stacked Racks



Stacked tips offer a stable base with a protective cover to hold 5 interlocking layers of two wafers. Each stack is individually sealed for sterility. Once the outer seal is removed, the entire stack is autoclavable. Use refill wafers and save up to 50% more plastic than individually racked tips.

ACT. The Environmental Impact Factor Label	
USA Scientific TipOne® 10 µl Natural Ultra Micro Pipette Tips, Stack Racks	
Enfield, Connecticut, United States	
SKU 1111-3200	
Environmental Impact Scale Decreasing Environmental Impact	
1 ————— 10	
<b>Manufacturing</b>	
Manufacturing Impact Reduction	3.0
Renewable Energy Use	Yes
Responsible Chemical Management	1.0
Shipping Impact	1.0
Product Content	5.0
Packaging Content	5.0
<b>User Impact</b>	
Energy Consumption (kWh/day)	N/A
Water Consumption (gallons/day)	N/A
Product Lifetime	4.1
<b>End of Life</b>	
Packaging	7.4
Product	5.4
<b>Environmental Impact Factor:</b>	<b>31.9</b>
Label Valid Through:	March 2024
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Find out more about individual products on the next page.

# ACT® Label Product Guide

Select item to see the associated ACT label.

## Racked Tips

TipOne 10 µl Natural Pipette Tips, Racks	1111-3800
TipOne 10 µl XL Ultra Micro Pipette Tips, Racks	1110-3800
TipOne 200 µl Natural Pipette Tips, Racks	1111-0800
TipOne 200 µl Yellow Pipette Tips, Racks	1111-0806
TipOne 200 µl Natural Beveled Pipette Tips, Racks	1111-1800
TipOne 200 µl Yellow Beveled Pipette Tips, Racks	1111-1806
TipOne 200 µl Natural Graduated Pipette Tips, Racks	1110-1800
TipOne 300 µl Graduated Pipette Tips, Racks	1110-9800
TipOne 1000 µl Natural Graduated Pipette Tips, Racks	1111-2820
TipOne 1000 µl Blue Graduated Pipette Tips, Racks	1111-2821
TipOne 1250 µl Natural Graduated XL Pipette Tips, Racks	1112-1820

## Sterile Racked Tips

TipOne 10 µl Natural Pipette Tips, Sterile Racks	1111-3810
TipOne 10 µl XL Ultra Micro Pipette Tips, Sterile Racks	1110-3810
TipOne 200 µl Natural Pipette Tips, Sterile Racks	1111-0810
TipOne 200 µl Yellow Pipette Tips, Sterile Racks	1111-0816
TipOne 200 µl Natural Beveled Pipette Tips, Sterile Racks	1111-1810
TipOne 200 µl Yellow Beveled Pipette Tips, Sterile Racks	1111-1816
TipOne 200 µl Profile Point™ Natural Graduated Pipette Tips, Sterile Racks	1110-1810
TipOne 300 µl Graduated Pipette Tips, Sterile Racks	1110-9810
TipOne 1000 µl Natural Graduated Pipette Tips, Sterile Racks	1111-2830
TipOne 1000 µl Blue Graduated Pipette Tips, Sterile Racks	1111-2831
TipOne 1250 µl Natural Graduated XL Pipette Tips, Sterile Racks	1112-1830

## Bulk Tips

TipOne® 10 µl Natural Pipette Tips, Bulk	1111-3000
TipOne 10 µl XL Natural Ultra Micro Pipette Tips, Bulk	1110-3000
TipOne 200 µl Natural Pipette Tips, Bulk	1111-0000
TipOne 200 µl Yellow Pipette Tips, Bulk	1111-0006
TipOne 200 µl Natural Beveled Pipette Tips, Bulk	1111-1000
TipOne 200 µl Yellow Beveled Pipette Tips, Bulk	1111-1006
TipOne 200 µl Profile Point™ Natural Graduated Pipette Tips, Bulk	1110-1000
TipOne 300 µl Natural Graduated Pipette Tips, Bulk	1110-9000
TipOne 1000 µl Natural Graduated Pipette Tips, Bulk	1111-2020
TipOne 1000 µl Blue Graduated Pipette Tips, Bulk	1111-2021
TipOne 1250 µl Natural Graduated XL Pipette Tips, Bulk	1112-1020

## Stacked Racks

TipOne® 10 µl Natural Ultra Micro pipette Tips, Stack Racks	1111-3200
TipOne 0.1-10 µl natural ultra micro pipette tips in sterilized stacks, 5 layers of two 96 tip wafers (960 tips)	1111-3210
TipOne 200 µl natural pipette tips in stacks, 5 layers of two 96 tip wafers (960 tips)	1111-0200
TipOne 200 µl yellow pipette tips in stacks, 5 layers of two 96 tip wafers (960 tips)	1111-0206
TipOne 200 µl natural, beveled pipette tips in stacks, 5 layers of two 96 tip wafers (960 tips)	1111-1200
TipOne 200 µl yellow, beveled pipette tips in stacks, 5 layers of two 96 tip wafers (960 tips)	1111-1206
TipOne 1-200 µl Prof natural, grad pipette tips in stacks, 5 layers of two 96 tip wafers (960 tips)	1110-1200
TipOne 200 µl natural, beveled Pipette tips in stacks, sterile, 5 layers of two 96 tip wafers (960 tips)	1111-1210

## Refill Wafers

TipOne 10 µl Natural Pipette Tips, Refills	1111-3700
TipOne 10 µl XL Ultra Micro Pipette Tips, Refills	1110-3700
TipOne 200 µl Natural Pipette Tips, Refills	1111-0700
TipOne 200 µl Yellow Pipette Tips, Refills	1111-0706
TipOne 200 µl Natural Beveled Pipette Tips, Refills	1111-1700
TipOne 200 µl Yellow Beveled Pipette Tips, Refills	1111-1706
TipOne 200 µl Natural Graduated Pipette Tips, Refills	1110-1700
TipOne 300 µl Natural Graduated Pipette Tips, Refills	1110-9700
TipOne 1000 µl Natural Graduated Pipette Tips, Refills	1111-2720
TipOne 1000 µl Blue Graduated Pipette Tips, Refills	1111-2721
TipOne 1250 µl Natural Graduated XL Pipette Tips, Refills	1112-1720

## Sterile Refills

TipOne 10 µl Natural Filter Pipette Tips, Sterile Refills	1121-2710
TipOne 10 µl XL Natural Graduated Filter Pipette Tips, Sterile Refills	1120-3710
TipOne 20 µl Beveled Filter Pipette Tips, Sterile Refills	1120-1710
TipOne 50 µl Beveled Filter Pipette Tips, Sterile Refills	1120-2710
TipOne 100 µl Natural Beveled Filter Pipette Tips, Sterile Refills	1120-1740
TipOne 200 µl Natural Filter Pipette Tips, Sterile Refills	1120-8710
TipOne 300 µl Graduated Filter Pipette Tips, Sterile Refills	1120-9710
TipOne 1000 µl Graduated Filter Pipette Tips, Sterile Refills	1126-7710
TipOne 1000 µl XL Graduated Filter Pipette Tips, Sterile Refills	1122-1730

## Racked Filter Tips

TipOne 10 µl Natural Filter Pipette Tips, Sterile Racks	1121-3810
TipOne 10 µl XL Natural Graduated Filter Pipette, Sterile Racks	1120-3810
TipOne 20 µl Natural Beveled Filter Pipette Tips, Sterile Racks	1120-1810
TipOne 20 µl Profile Point™ Filter Pipette Tips, Sterile Racks	1123-1810
TipOne 50 µl Beveled Filter Pipette tips, Sterile Racks	1120-2810
TipOne 100 µl Natural Beveled Filter Pipette Tips, Sterile Racks	1120-1840
TipOne 100 µl Profile Point™ Filter Pipette Tips, Sterile Racks	1123-1840
TipOne 200 µl Natural Filter Pipette Tips, Sterile Racks	1120-8810
TipOne 300 µl Graduated Filter Pipette Tips, Sterile Racks	1120-9810
TipOne 1000 µl Graduated Filter Pipette Tips, Sterile Racks	1126-7810
TipOne 1000 µl XL Graduated Filter Pipette Tips, Sterile Racks	1122-1830

For more information, visit  
[usascientific.com/act](http://www.usascientific.com/act)  
or contact your local sales representative.

