

Replacement Vacuum Tip Kit - Includes 9 Probes With Vacuum Cups

This kit contains five bent probes with 3/32" (2.38mm), 1/8" (3.18mm), 3/16" (4.76mm), 1/4" (6.35mm), and 3/8" (9.53mm), as well as four straight probes with 1/8" (3.18mm), 1/4" (6.35mm), 3/8" (9.53mm) and 1/2" (12.70mm).

VCS-9-B (Buna-N Static Dissipative Non-Marking Vacuum Cups With Probes)

VCS-9-ESD (High-Temp Conductive Silicone Vacuum Cups With Probes)

VCS-9-PUR (Blue, PUREACLEAN™ Non ESD-SAFE, Non-Marking Vacuum Cups With Probes)

**BUNA-N STATIC DISSIPATIVE NON-MARKING Vacuum Cups****Buna-N Static Dissipative Non-Marking Black Vacuum Cups**

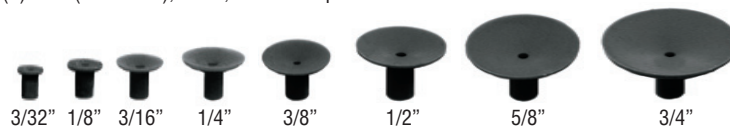
Black, static dissipative Buna-N. Operating temperature limits -5°F + 250°F (-20°C + 120°C).

V9009-B	3/32" (2.38mm) diameter vacuum cup
V9013-B	1/8" (3.18mm) diameter vacuum cup
V9018-B	3/16" (4.76mm) diameter vacuum cup
V9025-B	1/4" (6.35mm) diameter vacuum cup
V9038-B	3/8" (9.53mm) diameter vacuum cup
V9050-B	1/2" (12.70mm) diameter vacuum cup
V9062-B	5/8" (15.88mm) diameter vacuum cup
V9075-B	3/4" (19.05mm) diameter vacuum cup
V9100-B	1" (25.4mm) diameter vacuum cup

Kit of 8 Buna-N Static Dissipative Non-Marking Black Vacuum Cups

Kit of (8) vacuum cups (1) 3/32" (2.38mm), (1) 1/8" (3.18mm), (1) 3/16" (4.76mm), (1) 1/4" (6.35mm), (1) 3/8" (9.53mm), (1) 1/2" (12.70mm), (1) 5/8" (15.88mm) and (1) 3/4" (19.05mm), black, static dissipative Buna-N.

V9000K8-B

**ESD-SAFE HIGH-TEMP CONDUCTIVE SILICONE Vacuum Cups****ESD-SAFE High-Temp Conductive Silicone Black Vacuum Cups**

ESD-SAFE High-Temp conductive silicone. Operating temperature limits (-65°F + 445°F) (-55°C + 230°C) 10⁴ to 10⁶ OHMS.

V9009-ESD	3/32" (2.38mm) diameter vacuum cup
V9013-ESD	1/8" (3.18mm) diameter vacuum cup
V9018-ESD	3/16" (4.76mm) diameter vacuum cup
V9025-ESD	1/4" (6.35mm) diameter vacuum cup
V9038-ESD	3/8" (9.53mm) diameter vacuum cup
V9050-ESD	1/2" (12.70mm) diameter vacuum cup
V9062-ESD	5/8" (15.88mm) diameter vacuum cup
V9075-ESD	3/4" (19.05mm) diameter vacuum cup
V9100-ESD	1" (25.4mm) diameter vacuum cup

Kit of 8 ESD-SAFE High-Temp Conductive Silicone Black Vacuum Cups

Kit of (8) vacuum cups (1) 3/32" (2.38mm), (1) 1/8" (3.18mm), (1) 3/16" (4.76mm), (1) 1/4" (6.35mm), (1) 3/8" (9.53mm), (1) 1/2" (12.70mm), (1) 5/8" (15.88mm) and (1) 3/4" (19.05mm), black, static dissipative Buna-N.

V9000K8-ESD

**25 Pack of Replacement ESD-SAFE High-Temp Conductive Silicone Black Vacuum Cups**

V9009-ESD-25PK	3/32" (2.38mm) diameter vacuum cups
V9013-ESD-25PK	1/8" (3.18mm) diameter vacuum cups
V9018-ESD-25PK	3/16" (4.76mm) diameter vacuum cups
V9025-ESD-25PK	1/4" (6.35mm) diameter vacuum cups
V9038-ESD-25PK	3/8" (9.53mm) diameter vacuum cups
V9050-ESD-25PK	1/2" (12.70mm) diameter vacuum cups
V9062-ESD-25PK	5/8" (15.88mm) diameter vacuum cups
V9075-ESD-25PK	3/4" (19.05mm) diameter vacuum cups
V9100-ESD-25PK	1" (25.4mm) diameter vacuum cups



ESD-SAFE
VACUUM CUPS

ULTRA-NON-MARKING BLUE PUREACLEAN™ Vacuum Cups

Ultra-non-marking Non-ESD-SAFE PUREACLEAN™ Vacuum Cups

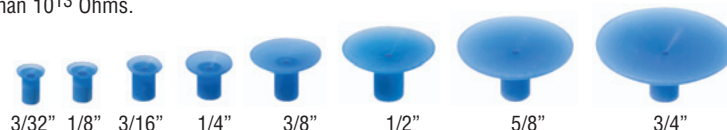
The vacuum cup material is PUREACLEAN™, a catalytically cured proprietary rubber compound. This cup material is ideally suited for handling residue sensitive items such as lenses or optical filters. Operating temperature limits (-65°F - 480°F) (-55°C - 250°C). Electrical properties: Greater than 10¹³ Ohms.

V9009-PUR	3/32" (2.38mm) diameter vacuum cup
V9013-PUR	1/8" (3.18mm) diameter vacuum cup
V9018-PUR	3/16" (4.76mm) diameter vacuum cup
V9025-PUR	1/4" (6.35mm) diameter vacuum cup
V9038-PUR	3/8" (9.53mm) diameter vacuum cup
V9050-PUR	1/2" (12.70mm) diameter vacuum cup
V9062-PUR	5/8" (15.88mm) diameter vacuum cup
V9075-PUR	3/4" (19.05mm) diameter vacuum cup
V9100-PUR	1" (25.4mm) diameter vacuum cup

Kit of 8 Ultra-non-marking Non-ESD-SAFE PUREACLEAN™ Vacuum Cups

Kit of eight vacuum cups 3/32" (2.38mm), 1/8" (3.18mm), 3/16" (4.76mm), 1/4" (6.35mm), 3/8" (9.53mm), 1/2" (12.70mm), 5/8" (15.88mm), and 3/4" (19.05mm). The vacuum cup material is PUREACLEAN™, a catalytically cured proprietary rubber compound. This cup material is ideally suited for handling residue sensitive items such as lenses or optical filters. Operating temperature limits (-65°F - 480°F) (-55°C - 250°C). Electrical properties: Greater than 10¹³ Ohms.

V9000K8-PUR



25 Pack of Replacement Ultra-non-marking Non-ESD-SAFE PUREACLEAN™ Vacuum Cups

V9009-PUR-25PK	3/32" (2.38mm) diameter vacuum cups
V9013-PUR-25PK	1/8" (3.18mm) diameter vacuum cups
V9018-PUR-25PK	3/16" (4.76mm) diameter vacuum cups
V9025-PUR-25PK	1/4" (6.35mm) diameter vacuum cups
V9038-PUR-25PK	3/8" (9.53mm) diameter vacuum cups
V9050-PUR-25PK	1/2" (12.70mm) diameter vacuum cups
V9062-PUR-25PK	5/8" (15.88mm) diameter vacuum cups
V9075-PUR-25PK	3/4" (19.05mm) diameter vacuum cups
V9100-PUR-25PK	1" (25.4mm) diameter vacuum cups



Here's a tip...

Cups can be cleaned easily with clean water or Isopropyl Alcohol.

VACUUM CUPS Specifications

Part #	Cup Size	A Inch (mm)	B Inch (mm)	C Inch (mm)	OD Inch (mm)	ID Inch (mm)	Cup Lifting Capacity @ 10" Hg @ 5" Hg	
V9009-*	3/32" (2.38mm)	0.094 (2.38)	0.140 (3.56)	0.160 (4.06)	0.078 (1.98)	0.040 (1.02)	0.07 oz (2 grams)	0.03 oz (1 grams)
V9013-*	1/8" (3.18mm)	0.125 (3.18)	0.160 (4.06)	0.180 (4.57)	0.100 (2.54)	0.060 (1.52)	0.35 oz (10 grams)	0.17 oz (5 grams)
V9018-*	3/16" (4.76mm)	0.188 (4.76)	0.175 (4.45)	0.200 (5.08)	0.130 (3.30)	0.060 (1.52)	0.88 oz (25 grams)	0.42 oz (12 grams)
V9025-*	1/4" (6.35mm)	0.250 (6.35)	0.160 (4.06)	0.200 (5.08)	0.120 (3.04)	0.060 (1.52)	1.76 oz (50 grams)	0.88 oz (25 grams)
V9038-*	3/8" (9.53mm)	0.375 (9.53)	0.190 (4.83)	0.250 (6.35)	0.125 (3.18)	0.060 (1.52)	3.52 oz (100 grams)	1.76 oz (50 grams)
V9050-*	1/2" (12.70mm)	0.500 (12.7)	0.190 (4.83)	0.300 (7.62)	0.160 (4.06)	0.060 (1.52)	6.34 oz (180 grams)	3.17 oz (90 grams)
V9062-*	5/8" (15.88mm)	0.625 (15.88)	0.175 (4.45)	0.315 (8.00)	0.160 (4.06)	0.060 (1.52)	8.81 oz (250 grams)	4.40 oz (125 grams)
V9075-*	3/4" (19.05mm)	0.750 (19.05)	0.140 (3.56)	0.320 (8.13)	0.160 (4.06)	0.060 (1.52)	17.63 oz (500 grams)	8.81 oz (250 grams)
V9100-*	1" (25.4mm)	1.000 (25.4)	0.140 (3.56)	0.160 (4.06)	0.160 (4.06)	0.060 (1.52)	26.45 oz (750 grams)	13.22 oz (375 grams)

ESD-SAFE

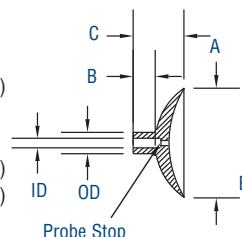
*=B	Buna-N Rubber	10 ⁸ to 10 ¹¹ ohms
*=ESD	Conductive Silicone	10 ² to 10 ⁵ ohms

Cup temperature range -5°F + 250°F (-20°C + 120°C)
Cup temperature range -67°F + 446°F (-55°C + 230°C)

NON ESD-SAFE

*=PUR	Blue Ultra Non Marking	Greater than 10 ¹³ ohms
*=C	Clear Silicone Rubber	Greater than 10 ¹³ ohms

Cup temperature range -67°F + 482°F (-55°C + 250°C)
Cup temperature range -67°F + 482°F (-55°C + 250°C)



VACUUM CUPS & CUPS SPECIFICATIONS
NON-ESD-SAFE

Bent & Straight Probes With Vacuum Cups

The vacuum cup material is black, Buna-N, static dissipative rubber compound. Our vacuum cups can handle electronic components. Operating temperature limits -5°F + 250°F (-20°C + 120°C).

技术咨询与报价

电话: 18823303057 QQ:2104028976

Bent Probes with Vacuum Cups

V8903-D-B	Bent 1/2" (12.7mm) probe with 3/32" (2.38mm) vacuum cup
V8903-S-B	Bent 1/2" (12.7mm) probe with 1/8" (3.18mm) vacuum cup
V8903-P-B	Bent 1/2" (12.7mm) probe with 3/16" (4.76mm) vacuum cup
V8903-M-B	Bent 1/2" (12.7mm) probe with 1/4" (6.35mm) vacuum cup
V8903-L-B	Bent 1/2" (12.7mm) probe with 3/8" (9.53mm) vacuum cup
V8903-H-B	Bent 1/2" (12.7mm) probe with 1/2" (12.7mm) vacuum cup
V8903-J-B	Bent 1/2" (12.7mm) probe with 5/8" (15.88mm) vacuum cup
V8903-K-B	Bent 1/2" (12.7mm) probe with 3/4" (19.05mm) vacuum cup
V8903-O-B	Bent 1/2" (12.7mm) probe with 1" (25.4mm) vacuum cup

Straight Probes with Vacuum Cups

V8903-D-S	Straight 1/2" (12.7mm) probe with 3/32" (2.38mm) vacuum cup
V8903-S-S	Straight 1/2" (12.7mm) probe with 1/8" (3.18mm) vacuum cup
V8903-P-S	Straight 1/2" (12.7mm) probe with 3/16" (4.76mm) vacuum cup
V8903-M-S	Straight 1/2" (12.7mm) probe with 1/4" (6.35mm) vacuum cup
V8903-L-S	Straight 1/2" (12.7mm) probe with 3/8" (9.53mm) vacuum cup
V8903-H-S	Straight 1/2" (12.7mm) probe with 1/2" (12.7mm) vacuum cup
V8903-J-S	Straight 1/2" (12.7mm) probe with 5/8" (15.88mm) vacuum cup
V8903-K-S	Straight 1/2" (12.7mm) probe with 3/4" (19.05mm) vacuum cup
V8903-O-S	Straight 1/2" (12.7mm) probe with 1" (25.4mm) vacuum cup



PROBES WITH ESD-SAFE HIGH-TEMP CONDUCTIVE SILICONE Vacuum Cups

Bent & Straight Probes With Vacuum Cups

The vacuum cup material ESD-SAFE High-Temp conductive silicone. Operating temperature limits -65°F + 445°F (-55°C + 230°C) 10⁴ to 10⁶ OHMS.

Bent Probes with Vacuum Cups

V8904-D-B	Bent 1/2" (12.7mm) probe with 3/32" (2.38mm) vacuum cup
V8904-S-B	Bent 1/2" (12.7mm) probe with 1/8" (3.18mm) vacuum cup
V8904-P-B	Bent 1/2" (12.7mm) probe with 3/16" (4.76mm) vacuum cup
V8904-M-B	Bent 1/2" (12.7mm) probe with 1/4" (6.35mm) vacuum cup
V8904-L-B	Bent 1/2" (12.7mm) probe with 3/8" (9.53mm) vacuum cup
V8904-H-B	Bent 1/2" (12.7mm) probe with 1/2" (12.7mm) vacuum cup
V8904-J-B	Bent 1/2" (12.7mm) probe with 5/8" (15.88mm) vacuum cup
V8904-K-B	Bent 1/2" (12.7mm) probe with 3/4" (19.05mm) vacuum cup
V8904-O-B	Bent 1/2" (12.7mm) probe with 1" (25.4mm) vacuum cup

Straight Probes with Vacuum Cups

V8904-D-S	Straight 1/2" (12.7mm) probe with 3/32" (2.38mm) vacuum cup
V8904-S-S	Straight 1/2" (12.7mm) probe with 1/8" (3.18mm) vacuum cup
V8904-P-S	Straight 1/2" (12.7mm) probe with 3/16" (4.76mm) vacuum cup
V8904-M-S	Straight 1/2" (12.7mm) probe with 1/4" (6.35mm) vacuum cup
V8904-L-S	Straight 1/2" (12.7mm) probe with 3/8" (9.53mm) vacuum cup
V8904-H-S	Straight 1/2" (12.7mm) probe with 1/2" (12.7mm) vacuum cup
V8904-J-S	Straight 1/2" (12.7mm) probe with 5/8" (15.88mm) vacuum cup
V8904-K-S	Straight 1/2" (12.7mm) probe with 3/4" (19.05mm) vacuum cup
V8904-O-S	Straight 1/2" (12.7mm) probe with 1" (25.4mm) vacuum cup



Photos are not to scale. Prices subject to change without notice.

PROBES WITH ULTRA NON-MARKING BLUE PUREACLEAN™ Vacuum Cups

Ultra-non-marking Non-ESD-SAFE PUREACLEAN™ Bent & Straight Probes With Vacuum Cups

The vacuum cup material is PUREACLEAN™, a catalytically cured proprietary rubber compound. This Non-ESD-SAFE cup material is ideally suited for handling residue sensitive items such as lenses or optical filters. Operating temperature limits (-65°F - 480°F) (-55°C - 250°C). Electrical properties: Greater than 10¹³ Ohms.

Bent Probes with Vacuum Cups

V8908-D-B	Bent 1/2" (12.7mm) probe with 3/32" (2.38mm) vacuum cup
V8908-S-B	Bent 1/2" (12.7mm) probe with 1/8" (3.18mm) vacuum cup
V8908-P-B	Bent 1/2" (12.7mm) probe with 3/16" (4.76mm) vacuum cup
V8908-M-B	Bent 1/2" (12.7mm) probe with 1/4" (6.35mm) vacuum cup
V8908-L-B	Bent 1/2" (12.7mm) probe with 3/8" (9.53mm) vacuum cup
V8908-H-B	Bent 1/2" (12.7mm) probe with 1/2" (12.7mm) vacuum cup
V8908-J-B	Bent 1/2" (12.7mm) probe with 5/8" (15.88mm) vacuum cup
V8908-K-B	Bent 1/2" (12.7mm) probe with 3/4" (19.05mm) vacuum cup
V8908-O-B	Bent 1/2" (12.7mm) probe with 1" (25.4mm) vacuum cup

技术咨询与报价

电话: 18823303057 QQ:2104028976

Straight Probes with Vacuum Cups

V8908-D-S	Straight 1/2" (12.7mm) probe with 3/32" (2.38mm) vacuum cup
V8908-S-S	Straight 1/2" (12.7mm) probe with 1/8" (3.18mm) vacuum cup
V8908-P-S	Straight 1/2" (12.7mm) probe with 3/16" (4.76mm) vacuum cup
V8908-M-S	Straight 1/2" (12.7mm) probe with 1/4" (6.35mm) vacuum cup
V8908-L-S	Straight 1/2" (12.7mm) probe with 3/8" (9.53mm) vacuum cup
V8908-H-S	Straight 1/2" (12.7mm) probe with 1/2" (12.7mm) vacuum cup
V8908-J-S	Straight 1/2" (12.7mm) probe with 5/8" (15.88mm) vacuum cup
V8908-K-S	Straight 1/2" (12.7mm) probe with 3/4" (19.05mm) vacuum cup
V8908-O-S	Straight 1/2" (12.7mm) probe with 1" (25.4mm) vacuum cup



VACUUM TIP Kits

Replacement Vacuum Tip Kit - Includes 9 Probes With Vacuum Cups

This kit contains five bent probes with 3/32" (2.38mm), 1/8" (3.18mm), 3/16" (4.76mm), 1/4" (6.35mm), and 3/8" (9.53mm), as well as four straight probes with 1/8" (3.18mm), 1/4" (6.35mm), 3/8" (9.53mm) and 1/2" (12.70mm).

VCS-9-B (Buna-N Static Dissipative Non-Marking Vacuum Cups With Probes)



VCS-9-ESD (High-Temp Conductive Silicone ESD-SAFE, Vacuum Cups With Probes)



VCS-9-PUR (Blue, Ultra-non-marking Non ESD-SAFE, Vacuum Cups With Probes)



POPULAR Accessories

Vacuum Tips Holder With 16 or 8 Locations

Table top luer slip vacuum tips holder with non-slip rubber feet. Posts will accommodate 16 or 8 of our luer slip vacuum tips. Vacuum tips not included.

VTH-16



VTH-8



PROBES WITH CUPS
AND ACCESSORIES

RIGID DELRIN AND TEFLON Tips

Bent And Straight Rigid Handling Tips

These tips are designed for easy handling of optic lenses of all shapes and sizes. The deep cupped circular design will accommodate concave, convex and flat surfaces. Precision machined from Delrin or Teflon insures contamination free lens handling. *For objects that are smaller than 1/8" (3.18mm) see our small parts tips on page 8.* The following tips are mounted on a straight or bent 30° 1" (25.4mm) stainless steel probe with a luer slip hub. **NOTE:** This product requires a continuous vacuum source.

Delrin Bent

VRT-125-B



VRT-188-B



VRT-250-B



VRT-375-B



VRT-500-B



VRT-750-B



VRT-1000-B



Delrin Straight

VRT-125-S 1/8" (3.18mm)



VRT-188-S 3/16" (4.76mm)



VRT-250-S 1/4" (6.35mm)



VRT-375-S 3/8" (9.53mm)



VRT-500-S 1/2" (12.7mm)



VRT-750-S 3/4" (19.05mm)



VRT-1000-S 1" (25.4mm)



Teflon Bent

VTT-125-B



VTT-188-B



VTT-250-B



VTT-375-B



VTT-500-B



VTT-750-B



VTT-1000-B



Teflon Straight

VTT-125-S 1/8" (3.18mm)



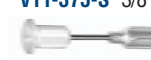
VTT-188-S 3/16" (4.76mm)



VTT-250-S 1/4" (6.35mm)



VTT-375-S 3/8" (9.53mm)



VTT-500-S 1/2" (12.7mm)



VTT-750-S 3/4" (19.05mm)



VTT-1000-S 1" (25.4mm)



技术咨询与报价

电话: 18823303057 QQ:2104028976

RIGID DELRIN AND TEFLON TIP Kits

Set Of Eight Non-Marking Rigid Delrin Vacuum Tips Kit

These tips are designed for easy handling of optic lenses of all shapes and sizes. The deep cupped circular design will accommodate concave, convex and flat surfaces. Precision machined from Delrin insures contamination free handling. Kit includes four bent 30° 1" (25.4mm) stainless steel probes with luer slip hub and four straight 1" (25.4mm) stainless steel probes with a luer slip hub with Non-marking Rigid Teflon tips sizes 1/4" (6.35mm), 3/8" (9.53mm), 1/2" (12.7mm) and 3/4" (19.05mm) diameter, and 8 position Tip Organizer/Holder (VTH-8).

NOTE: This product requires a continuous vacuum source.

VRT-8

VRT-KIT-8 (with Vacuum Tips Holder VTH-8)



Set Of Eight Non-Marking High-Temp Rigid Teflon Vacuum Tips Kit

These tips are designed for easy handling of optic lenses of all shapes and sizes. The deep cupped circular design will accommodate concave, convex and flat surfaces. Precision machined from Teflon insures contamination free handling. Kit includes four bent 30° 1" (25.4mm) stainless steel probes with luer slip hub and four straight 1" (25.4mm) stainless steel probes with a luer slip hub with Non-marking Rigid Teflon tips sizes 1/4" (6.35mm), 3/8" (9.53mm), 1/2" (12.7mm) and 3/4" (19.05mm) diameter, and 8 position Tip Organizer/Holder (VTH-8).

NOTE: This product requires a continuous vacuum source.

VTT-8

VTT-KIT-8 (with Vacuum Tips Holder VTH-8)



Vacuum Tips Holder With 16 or 8 Locations

Table top luer slip vacuum tips holder with non-slip rubber feet. Posts will accommodate 16 or 8 of our luer slip vacuum tips. Vacuum tips not included.

VTH-16



VTH-8

