

# The Perfect Match

It's easy with



## How to match braid width with connection/pad width:



Too Small



Perfect



Too Big

1. Choose a Soder-Wick® braid width equal to or slightly larger than the pad or connection.
2. For leaded solder applications, choose a desoldering tip equal to or slightly smaller than the pad or connection.
3. For lead-free applications, choose a desoldering tip equal to or slightly larger than the pad or connection.

**TW Chemtronics®**

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Size BGA Purple	
	
Size #1 White	.030" (0.8 mm)
	
Size #2 Yellow	.060" (1.5 mm)
	
Size #3 Green	.080" (2.0 mm)
	
Size #4 Blue	.110" (2.8 mm)
	
Size #5 Brown	.145" (3.7 mm)
	
Size #6 Red	.210" (5.3 mm)



# SIZING GUIDE

**Match the braid size to the job and:**

**Minimize the risk of heat damage • Increase productivity  
Maximize wicking speed • Ensure complete solder removal**

Prolonged application of heat to components and pads can cause serious PC board damage. The risk of heat damage is significantly reduced by maximizing desoldering speed and ensuring complete solder removal on the first try. The key is matching the size of the braid to the lead or connection to be desoldered. A perfect match optimizes heat transfer to the board while decreasing rework/repair time.

That's where the wide selection of Soder-Wick® Desoldering Braid products is an advantage. Soder-Wick® Desoldering Braid removes solder from any and all PC boards, including through-hole, fine-pitch SMT and BGA applications.

By using this sizing guide, you have a simple yet precise system to match the appropriate braid size to each of your applications. Just one more way Soder-Wick® Desoldering Braid helps you increase the quality and speed of your work.

**All 5' and 10' Soder-Wick® Braid is on Static Dissipative Bobbins!**



Application	Size#	Color	Rosin SD	No Clean SD	Lead-Free SD	Unfluxed SD
Integrated Micro Circuits, SMDs/Fine-Pitch Circuitry	1	White	80-1-5	60-1-5		
Small Pads, Surface Mount Devices	2	Yellow	80-2-5	60-2-5	40-2-5	75-2-10
Medium Pads	3	Green	80-3-5	60-3-5	40-3-5	75-3-10
Large Pads	4	Blue	80-4-5	60-4-5	40-4-5	75-4-10
Terminals	5	Brown	80-5-5	60-5-5		
Large Lugs and Posts	6	Red	80-6-5	60-6-5		
BGA Pads and Chips	BGA	Purple	80-BGA-5	60-BGA-5		

Most sizes available in 5', 10', 25', 100', 250' and 500' lengths

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