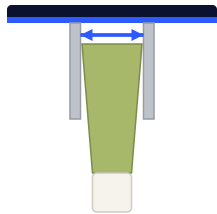


JOINT SAMPLE MEASUREMENT

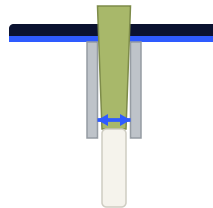
Caliper Protocol • 4 Readings per Joint

For clients unable to send physical samples. All measurements are taken in millimeters (mm) with a digital caliper. Light contact only — don't compress the paper.



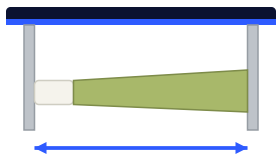
01 Max diameter — tip

Hold the joint tip-up. Close the jaws on the very tip — the widest point — until they just touch the paper. Record the reading.



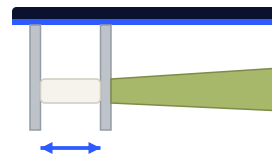
02 Max diameter — crutch

Move to the crutch zone, just above the filter. Close gently to light contact and record the diameter.



03 Overall length

Lay the joint flat and span it end to end — tip to the base of the filter. Close until both jaws touch and record.



04 Crutch length

Span just the crutch section from the base of the joint. Close gently and record the length.

× 20 JOINTS

Repeat all four readings on 20 individual joints per SKU. Log every value in the *Wheel Measurement spreadsheet* (page 2), then email the completed sheet to gianluc@sortingrobotics.com.

Wheel Measurement Spreadsheet

Joint Type: _____ Preroll Brand: _____

#	Max dia (mm)	Dia crutch max (mm)	Total length (mm)	Crutch length (mm)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
max				
min				
avg				

Measure 20 individual joints, one row each. When complete, email a photo or scan of this sheet to gianluc@sortingrobotics.com.