

## HANDROLLER

For reliable and fast sample preparation, we have a wide range of hand rollers to complement your PSTC, TLMI, ASTM and FINAT testing of adhesives. The hand rollers are manufactured so that the roller can be easily removed for calibration and replacement. The hand roller frame is made of aluminum and has a Teflon hard coating for easy cleaning and maintenance. Stand feet on the handle extend beyond the circumference of the roll for protected storage of the roll surface. Slots on the handle allow the roller axles to "float" with only the weight of the roller during operation. Certificates can be issued upon request and at additional cost.



### EIGENSCHAFTEN

- HR-FINAT: 4.4 lb (2 kg) roll, Ø 3.34" (85 mm), w: 1.97" (50 mm), Shore scale A 80 durometer silicone rubber cover.
- HR-100: 4.5 lb (2045 g) roll, Ø 3.75" (95 mm), w: 1.75" (45 mm), Shore scale A 80 durometer silicone rubber cover.
- HR-101: 10 lb (4540 g) roller, Ø 5.00" (127 mm), w: 1.75" (45 mm), solid steel core 8 RMS polished finish.
- HR-FED: 2045g (4.5 lb) roll, Ø 3.75" (95 mm), b: 1.75" (45 mm), Shore scale A 75 durometer silicone rubber cover. FED Std 141D
- other hand rollers on request

### TECHNISCHE DATEN

<b>Power connection</b>	No power connection
<b>Compressed air connection</b>	nein
<b>PC connection</b>	No PC connection
<b>Width / Diameter</b>	
<b>Depth</b>	
<b>Height</b>	
<b>Weight (net)</b>	

# Hand Roller Updates for 2021

We have made additions to our hand roller offerings. We have added two new standard rollers. The first meets ASTM D 5169 and the other is the 5kg old AFERA style roller. We have had a number of requests for both of these rollers over the past year and have decided to offer these as standard. All Rollers come with Teflon hard coated handles that allow the rollers to be easily removed for calibration purposes. The Hand Roller line is outlined below.

## HR-100:

- This is our standard Hand Roller that meets PSTC Appendix B 2.7 and ASTM D3330(10) 6.4, (1.75" wide, 4.5 lb, 80 +/- 5 durometer)
- The roll is covered with a grey colored silicone rubber.



## HR-FED:

- The roll meets the FED Test Method Std. 141D, (1.75" wide, 4.5 lb, 75 +/- 5 durometer)
- The roll is covered with a blue colored silicone rubber.

## HR-FINAT:

- The roll meets the FINAT specifications per Section 2, 2.1 (50mm wide, 2Kg).
- The roll is covered with an orange colored silicone rubber.



## HR-AFERA:

- The roller meets the previous AFERA specifications (50mm wide, 5Kg)
- The roll has a polished finish.



### No Picture of D 5169

Roller similar in appearance to  
HR-102 and HR-AFERA

## HR-ASTM D 5169:

- The roll meets ASTM D 5169 specifications per Section 6.1,(2.25" wide, 11 lbs with handle)
- The roll has a polished finish.

## HR-101:

- This is our standard Hand Roller that meets PSTC Appendix B 2.7.1.2 (1.75" wide, 10lb)
- The roll has a polished finish.



## HR-102:

- This is a Hand Roller that is 1.75" wide, 10 lbs, 80 +/-5 durometer.
- The roll is covered with a grey colored silicone rubber.

## HR-CUST:

We have found that we needed to add an additional larger size to our previous line up of custom Handrollers. The new size increases the maximum weight of our custom rollers to 40 Lbs. We are still limiting the size of the RD-CUST to 20 Lbs (9Kg). The HR-Custom line to include larger and heavier rollers. Our Custom Hand Roller line is outlined below.

**HR-CUST/-5LBS:** Custom size roller from 1 Lbs (500gr) to 5 Lbs (2500gr) these can be rubber covered or with a polished finish.

**HR-CUST/-10LBS:** Custom size roller from 5.1 Lbs (2501gr) to 10 Lbs (4500gr) these can be rubber covered or with a polished finish.

**HR-CUST/+10LBS:** Custom size roller from 10.1 Lbs (4501gr) to 19.9 Lbs (9000gr) these can be rubber covered or with a polished finish.

**HR-CUST/+20LBS:** Custom size roller from 20.0 Lbs (9001gr) to 40 Lbs (18000gr) these can be rubber covered or with a polished finish.