

Product Information

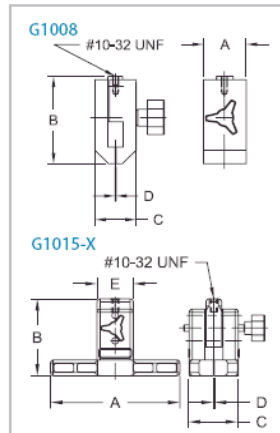
2/10/2010
 By: KRD

Film and Paper Grips

Film and paper grips

For gripping film, paper, labels, packaging, and other thin materials for tensile and peel testing. Adjustable serrated interlocking jaws grip the sample securely.

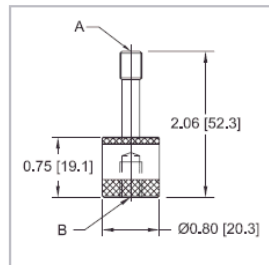
Model No.	Capacity lbF [N]	Weight lb [kg]	A	B	C	D
G1008	100 [500]	0.31 [0.14]	1.00 [25.4]	2.50 [63.5]	1.60 [40.6]	0 - 0.15 [0 - 3.8]
G1015-1		0.57 [0.26]	3.00 [76.2]			
G1015-2		0.67 [0.30]	5.00 [127.0]	3.00 [76.2]	1.90 [48.3]	0 - 0.50 [0 - 12.7]
G1015-3		0.77 [0.35]	7.00 [177.8]			



Swivel adapters

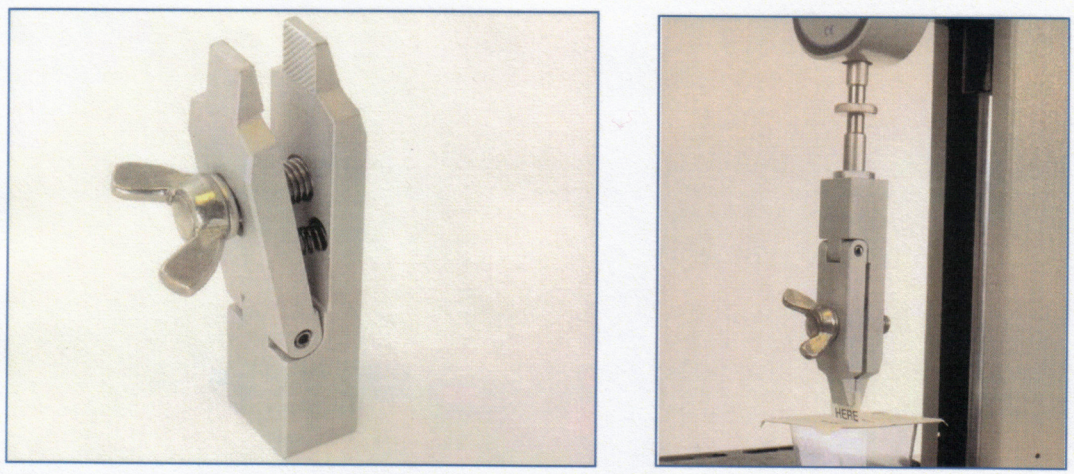
For use between any grip and force gauge to provide a swiveling action for proper sample alignment.

Model No.	Capacity lbF [N]	Weight lb [kg]	A	B
G1018-1	200 [1000]	0.12 [0.05]	#10-32M	#10-32F
G1018-2	500 [2500]	0.27 [0.12]	5/16-18M	5/16-18F



Product Information

Part No. 432-279 Narrow Nose Grip



Large narrow-nosed pinch grip for testing small mechanical or electrical components not easily accessible for normal jaws. Applications include pull-off testing of miniature welded components, foil and paper tabs, tapes.

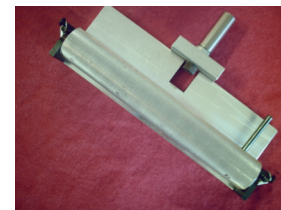
A version on a swing arm is available adding 6" to the length and can be used for foil removal of pudding cup, yogurt cup, and other lid foils and films.

Grip attachment thread is 10-32.
 Length is 3.94", width 0.51" and thickness 0.35".

SAM 19 Series Roller Cam Grips

This style of grip has an eccentrically mounted serrated roller that opens to 1/4 inch to accept samples and self tightens as the load is applied. It is ideal for tensile testing fabric and films up to 200 lbf. The lever operated cam makes loading and unloading easy. In cases where proper alignment of the sample is critical, G1018-1 swivel adaptor can be added. For use with Lloyd and Chatillon testers with eye ends, adapters and be added for proper installation.

The grip part numbers available are: **SAM 19-3** for three inch wide samples, **SAM 19-4** for four inch wide samples, **SAM 19-5** for five inch wide samples, and **SAM 19-8** for eight wide samples. Larger widths are available upon request.



SAM19-3



SPK-AFG-1032F
 Eye End Adapter



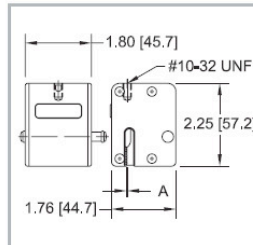
G1018-1
 Swivel Adapter

Product Information

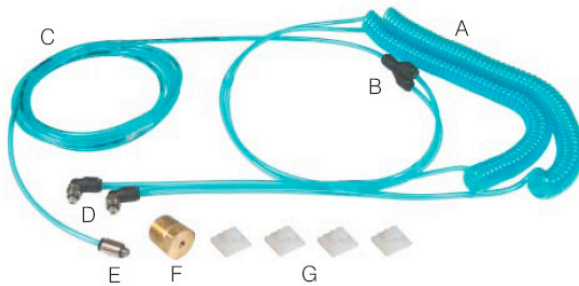
Pneumatic film and paper grip

Fully enclosed, air-powered grip for seal strength testing of packaging, elongation testing of various materials, and other tensile testing requirements. Serrated interlocking jaws effectively grip samples for up to 100 lbf of force. The grip features a unique integrated open/close valve for quick sample engagement and disengagement. An air connection kit, consisting of tubing and fittings needed to connect two grips, is available separately.

Model No.	Capacity lbf [N]	Weight lb [kg]	Max. pressure PSI (MPa)	Air input thread	A
G1046	100 [500] at 100 PSI [0.86 MPa]	0.58 [0.26]	125 [0.86]	#10-32 UNF	0 - 0.13 [0 - 3.3]



The optional air connection kit consists of the following:



- A. Coiled tubing, 1/8" OD, 1/16" ID, 8" retracted length (qty. 2)
- B. Y-splitter (qty. 1)
- C. Straight tubing, 1/8" OD, 1/16" ID, 5' length (qty. 1)
- D. Elbow fitting, tubing to #10-32M (qty. 1)
- E. Straight fitting, tubing to #10-32M (qty. 1)
- F. Thread adapter, #10-32F to 1/4" NPT M (qty. 1)
- G. Adhesive-backed guide (qty. 4)

Model No.	Description
AC1019	Air connection kit for G1046

