

## BRAYERS

The brayer is used to roll ink out into a thin film on the block. The easiest way to handle this is to squeeze a small amount of ink on to your inking slab. It doesn't take too much ink to get started, so be conservative when laying out ink - you can always add more, but if you have too much it makes working harder and cleanup an unpleasant task. Take the brayer and roll it through the ink spreading it evenly across your slab.

Then, take the inked brayer and roll it across the surface of your block, even distributing the ink. Generally, a thin coating is desired. If after printing, you decide that the print is too weak, re-ink the block using less pressure, thus transferring more ink to the surface.

There are a wide variety of brayers available for block printing, as well as other processes. These brayers vary by size, surface and quality.

**English Brayers** have been supplied by us for years now and are available in Durathane or rubber. They are beautiful, brass-handled brayers imported from England. The student grade of this line is available in both the Durathane and Rubber rollers. The student grade brayers have the same rollers but come with an economy handle. Replacement rollers are available for either version.

**Stones Crayons** Produces a fine quality 6" leather brayer with a 2  $\frac{1}{2}$ " diameter. They are just beautiful.

**Speedball Brayers** are essentially a student grade brayer. They tend to be less expensive, smaller brayers than some others, but do not underestimate them. There are a number of uses for these tools that make them a necessity for the well equipped studio. Sizes range from 1 x 1  $\frac{1}{2}$ " to 1  $\frac{1}{2}$  x 6".

**Graphic Professional Brayers** are just what the name implies - a professional quality brayer, that can last a lifetime. This brayer comes with a formed wire handle, a diameter of 1  $\frac{3}{4}$ " and face lengths of 4 and 6". The 2  $\frac{1}{4}$ " diameter version comes with a cast aluminum handle and face lengths of 4", 6", 8" and 10".

**Polyurethane Brayers** are another old stand-by. These brayers are an amber color (although that can change from manufacturer to manufacturer). They come in a 1  $\frac{3}{4}$ " diameter and face lengths of 2", 4", 6" and 8". These, like the Graphic Professional Brayers, come in a durometer (hardness) of approximately 40 degrees. That is a fairly firm brayer.

**Takach Firm Rubber Brayers** are relatively new sizes for the specialty printer. Each of the brayers is 1  $\frac{1}{2}$ " in diameter with face lengths of 1/4",  $\frac{1}{2}$ ", 3 /4" and 1". We now offer a set of four for additional savings over the individual price. These are high quality brayers that will last and last, with reasonable care.

Our newest line of brayers are the **German Brayers**. These are all rubber rollers with a 2" diameter except the economy which is 1 ". They come in a variety of widths and variety of handles, some single, some double and some with stands. These have met with great success so do give them a try.

## GRAPHIC CHEMICAL & INK CO.

Telephone (800) 465-7382 Fax (630) 832-6064 [www.graphicchemical.com](http://www.graphicchemical.com)

# BRAYERS

## Speedball Rubber Brayers

54128	Speedball #49P,	Hard,	1" x 4" .....	5.30
54121	Speedball #49,	Hard,	1" x 4" .....	8.05
54124	Speedball #51,	Hard,	1 5/16" x 4" .....	8.90
54126	Speedball #64,	Soft,	1 1/4" x 4" .....	10.90
54129	Speedball #66,	Soft,	1 1/4" x 6" .....	11.55
54170	Speedball #70,	Soft,	1" x 1 1/2" .....	8.65
54171	Speedball #71,	Soft,	1" x 2" .....	8.85
54172	Speedball #72,	Soft,	1" x 2 1/2" .....	9.70
54173	Speedball #73,	Soft,	1" x 3" .....	10.00
54174	Speedball #74,	Soft,	1" x 3 1/2" .....	10.40
54117	Speedball #4117,	Soft,	1 1/4" x 4" .....	7.80

Speedball Hard Brayer

Speedball Soft Brayer

## Takach Brayers

50080	Firm Rubber Brayers,	1 1/2 x 1/4" .....	40.00
50090	Firm Rubber Brayers,	1 1/2 x 1/2" .....	41.00
50100	Firm Rubber Brayers,	1 1/2 x 3/4" .....	42.00
50060	Firm Rubber Brayers,	1 1/2 x 1" .....	43.00
50105	Set of all four Firm Rubber Brayers	.....	149.00

## Graphic Brayers

50160	Graphic Professional, Firm Rubber	1 3/4" x 4" .....	40.80
50170	Graphic Professional, Firm Rubber	1 3/4" x 6" .....	49.20
50175	Graphic Professional, Firm Rubber	1 3/4" x 8" .....	57.40
50180	Graphic Professional, Firm Rubber	2 1/2" x 4" .....	67.20
50190	Graphic Professional, Firm Rubber	2 1/2" x 6" .....	86.80
50200	Graphic Professional, Firm Rubber	2 1/2" x 8" .....	95.20
50210	Graphic Professional, Firm Rubber	2 1/2" x 10" .....	100.80
50370	Firm Polyurethane	1 3/4" x 2" .....	17.30
50380	Firm Polyurethane	1 3/4" x 4" .....	20.50
50390	Firm Polyurethane	1 3/4" x 6" .....	35.40
50400	Firm Polyurethane	1 3/4" x 8" .....	39.60

Graphic Professional - 1 3/4" Dia

Graphic Professional - 2 1/2" Diam

## Stones Brayer

50368	Stones Leather Brayer	2 1/2 x 6" .....	180.00
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Takach Brayers

Firm Polyurethane

# English Brayers

## ARTIST QUALITY

### 50 mm diameter (approx 2")

90700	50mm wide (approx 2")	Durathane	124.50
90710	75mm wide (approx 3")	Durathane	138.00
90720	100mm wide (approx 4")	Durathane	153.00
90730	150mm wide (approx 6")	Durathane	180.00
90740	200mm wide (approx 8")	Durathane	219.00
90750	250mm wide (approx 10")	Durathane	240.00
90701	50mm wide replacement roller only	Durathane	48.00
90711	75mm wide replacement roller only	Durathane	61.00
90721	100mm wide replacement roller only	Durathane	69.00
90731	150mm wide replacement roller only	Durathane	90.00
90741	200mm wide replacement roller only	Durathane	115.00
90751	250mm wide replacement roller only	Durathane	139.00

### 64 mm diameter (approx 2 1/2")

90702	50mm wide (approx 2")	Durathane	130.00
90712	75mm wide (approx 3")	Durathane	150.00
90722	100mm wide (approx 4")	Durathane	166.00
90732	150mm wide (approx 6")	Durathane	200.00
90742	200mm wide (approx 8")	Durathane	240.00
90752	250mm wide (approx 10")	Durathane	279.00
90760	450mm wide (approx 18")	Durathane	398.00
90703	50mm wide replacement roller only	Durathane	48.00
90713	75mm wide replacement roller only	Durathane	66.00
90723	100mm wide replacement roller only	Durathane	80.00
90733	150mm wide replacement roller only	Durathane	110.00
90743	200mm wide replacement roller only	Durathane	140.00
90753	250mm wide replacement roller only	Durathane	168.00
90763	450mm wide replacement roller only	Durathane	273.00

## STUDENT QUALITY

### 38 mm diameter (approx 1 1/2")

90780	25mm wide (approx 1")	Durathane	39.90
90782	50mm wide (approx 2")	Durathane	51.00
90784	90mm wide (approx 3 3/4")	Durathane	66.00
90786	115mm wide (approx 4 1/2")	Durathane	78.00
90788	178mm wide (approx 7 3/4")	Durathane	102.00
90781	25mm wide replacement roller only	Durathane	27.00
90783	50mm wide replacement roller only	Durathane	37.00
90785	90mm wide replacement roller only	Durathane	44.00
90787	115mm wide replacement roller only	Durathane	58.00
90789	178mm wide replacement roller only	Durathane	73.00

## ARTIST QUALITY

### 50 mm diameter (approx 2")

90707	50mm wide (approx 2")	Rubber	124.50
90717	75mm wide (approx 3")	Rubber	138.00
90727	100mm wide (approx 4")	Rubber	153.00
90737	150mm wide (approx 6")	Rubber	180.00
90747	200mm wide (approx 8")	Rubber	219.00
90757	250mm wide (approx 10")	Rubber	240.00
90708	50mm wide replacement roller only	Rubber	40.75
90718	75mm wide replacement roller only	Rubber	50.00
90728	100mm wide replacement roller only	Rubber	62.00
90738	150mm wide replacement roller only	Rubber	90.00
90748	200mm wide replacement roller only	Rubber	106.00
90758	250mm wide replacement roller only	Rubber	130.00

### 64 mm diameter (approx 2 1/2")

90705	50mm wide (approx 2")	Rubber	130.00
90715	75mm wide (approx 3")	Rubber	150.00
90725	100mm wide (approx 4")	Rubber	166.00
90735	150mm wide (approx 6")	Rubber	186.00
90745	200mm wide (approx 8")	Rubber	240.00
90755	250mm wide (approx 10")	Rubber	279.00
90765	450mm wide (approx 18")	Rubber	425.00
90706	50mm wide replacement roller only	Rubber	44.00
90716	75mm wide replacement roller only	Rubber	58.00
90726	100mm wide replacement roller only	Rubber	72.00
90736	150mm wide replacement roller only	Rubber	110.00
90746	200mm wide replacement roller only	Rubber	128.00
90756	250mm wide replacement roller only	Rubber	160.00
90766	450mm wide replacement roller only	Rubber	273.00

## STUDENT QUALITY

### 38 mm diameter (approx 1 1/2")

90770	25mm wide (approx 1")	Rubber	24.00
90771	50mm wide (approx 2")	Rubber	28.50
90772	90mm wide (approx 3 3/4")	Rubber	33.00
90773	115mm wide (approx 4 1/2")	Rubber	35.00
90774	178mm wide (approx 7 3/4")	Rubber	42.00

## German Brayers

50009	Economy Rubber with Stand	1" x 6" .....	13.40
50017	Economy Rubber with Stand	1" x 4 1./2" .....	8.25
50011	Rubber	2" x 1/3" .....	13.40
50012	Rubber	2" x 1/2" .....	13.75
50013	Rubber	2" x 3/4" .....	14.25
50014	Rubber	2" x 1" .....	14.75
50015	Rubber	2" x 4" .....	19.25
50016	Rubber	2" x 6" .....	23.25
50018	Rubber with 2 handles	2" x 4" .....	30.50
50019	Rubber with 2 handles	2" x 8" .....	39.80
50021	Rubber with Stand	2" x 2 1/2" .....	18.20
50022	Rubber with Stand	2" x 4 3/4" .....	25.00
50023	Rubber with Stand	2" x 6" .....	27.25
50024	Rubber with Stand	2" x 8" .....	32.50

## Graphic Hand Roll-up Rollers

Oversized Roller

Standard Roller

### Galeforce Pinpress Monotype Rollers

Pictured on page 34

50510	Pinpress/rolling pin handles .....	18.5" .....	199.00
50520	Pinpress/rolling pin handles .....	24.5" .....	249.00
50530	Pinpress/crescent handles .....	18.5" .....	199.00
50540	Pinpress/crescent handles .....	24.5" .....	249.00

Spring 2007  
Prices subject to  
change without notice.

German Brayers

Graphic Chemical & Ink Company  
Telephone - 800-465-7382 Fax - 630-832-6064 www.graphicchemical.com

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## ROLLERS

**Hand Roll Up Rollers** are a specialty of Graphic's. We provide the widest variety of roller sizes, types and hardnesses available anywhere. (Pictured on page 69)

Our stock rollers are built on a 2 3/4" core with a 4 1/4" outside diameter. Standard face lengths are 10", 12", 14", 16", 18" and 20". Special Order Rollers have core sizes that range from 2 3/4" to 8" diameters, finished diameters from 4 1/4" to 10" and face lengths up to 36". To determine the diameter required to provide the roll out needed, divide the roll out by 3.1416 (Pi). Please call for quotations for special order rollers and allow about 6 weeks delivery time. In addition to the huge number of rollers available within these parameters, we can fabricate the ultra-special roller as well. Our largest to date was a roller that had an approximate diameter of 24" and a 66" face length!

**Rubber Rollers** are the standard for printmakers around the world. Far and away the most versatile and long lasting roller surface, Rubber Rollers take ink well and clean up easily. Storage is simple and durability is excellent. With reasonable care, these rollers can last a lifetime.

The **Polyurethane Roller**, once referred to as the NuClear roller, combines the inking ability of the old Gelatin (Composition) roller with the handling ease of Rubber rollers. Storage presents little problem, but the life expectancy is somewhat less than rubber. We have figured that under the best of circumstances, a well-kept Polyurethane roller will last about 7 years maximum, less for rollers under 30d.. After that time, the material will begin to revert to a liquid form. Polyurethane is also extremely sensitive to the presence of acid or acid fumes. While that is not normally a problem in lithographic printing, it could present storage problems.

Both rubber and polyurethane rollers are available in three durometers (hardness). Durometers of our standard rollers are approximately 15 durometer (soft), 30 durometer (firm) and 50 durometer (hard). We do not recommend or guarantee the life of polyurethane in less than 30d.

Back in the late 1960's, Graphic worked with a local roller company to develop a rubber roller that could take the place of the leather roller then used in lithography. The result of that cooperative effort was the development of the **Graphic K.U. Roller**. Initial testing of the roller was conducted by the Tamarind Institute in Albuquerque. The K.U. Roller has a fiber impregnated in the surface of the roller that allows for inking characteristics like the grained leather roller, while still permitting the quick and easy washup of a rubber roller. Unlike most other types of rollers, this one is available in only one durometer (approximately 40 d).

All rollers are shipped with a standard roller carton specially designed to protect these rollers during shipping. These cartons are great, but if you are looking for a storage container, these aren't it. The roller crate is a much better storage device and is reasonably priced.

### Care of rollers & brayers -

1. Keep away from dampness and heat. Do not store near heated radiators. Heat has a curing and drying action on rubber.
2. Do not store on open racks close to congested areas where they may be damaged by movement or equipment.
3. Store so that they are supported by the shaft only. The roller should never be left in contact with anything that will cause a mark or depression on the surface. Cover for long term storage to keep dust, sunlight and any fumes from the roller. Storage should be away from boiler rooms and over-heated places.
4. Generally, it is a good practice to wash rollers frequently with a bland washup as opposed to occasionally with a strong one.
5. Polyurethane must be carefully and completely cleaned after each day's use. Dried ink should never be allowed to build up on the roller. Dried films obscure the fine natural tack of polyurethane and destroy the sharpness of printing.

No roller can function properly if any part of its surface is clogged with dried ink, solvent or gum. If your roller becomes hard and glazed because of accumulation or dried material, it is time to send it back to the manufacturer for reconditioning.

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## Hand Roll-up Rollers Standard 4 1/4" Diameter

Product Code	Material	Code	Face Length	Price
50455	Rubber	1	10"	234.00
50460	Rubber	1	12"	254.00
50470	Rubber	1	14"	272.00
50480	Rubber	1	16"	290.00
50490	Rubber	1	18"	308.00
50500	Rubber	1	20"	328.00
50405	Polyurethane	1	10"	220.00
50410	Polyurethane	1	12"	255.00
50420	Polyurethane	1	14"	286.00
50430	Polyurethane	1	16"	315.00
50440	Polyurethane	1	18"	344.00
50450	Polyurethane	1	20"	373.00
50110	Graphic K.U.	2	12"	245.00
50120	Graphic K.U.	2	14"	271.00
50130	Graphic K.U.	2	16"	295.00
50140	Graphic K.U.	2	18"	320.00
50150	Graphic K.U.	2	20"	355.00
50340	Leather	3	10"	310.00
50350	Leather	3	12"	335.00
50360	Leather	3	14"	360.00
50362	Leather	3	16"	385.00
50364	Leather	3	18"	425.00
50366	Leather	3	20"	450.00

Prices listed for standard rollers include the cost of a Specially designed roller carton. Wooden crates are available separately.

Code 1 Hand Roll-up rollers are normally supplied in a 30 durometer (Firm) for Lithography. Rubber is also available in 15 durometer (soft) and 50 durometer (hard). Polyurethane may also be ordered in 50 durometer (Hard).

Code 2 Graphic K.U. Rollers are manufactured with a fibrous cover to carry ink like a grained leather roller, but clean up with minimal effort like a rubber roller. The K.U. is only available in a 40 durometer.

Code 3 Leather Rollers require a break-in process. Please ask for instructions or opt for manufacturer break-in.

50050	Crating Charge for Standard Rollers .....	10.00
50367	Leather Break-in Conditioning .....	50.00
50620	Stainless Steel Handles, in place of Aluminum .....	52.80
50030	Chrome Plated Handles, in place of Aluminum .....	33.00
50368	Leather Brayer 2 1/2 x 6".....	180.00
50035	Leather Hand Grips.....	35.00

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## Hand Roll-up Rollers Oversized

Product Code	Material	Core Diameter	Outside Diameter	Face Length	Price
45612	Rubber	4 1/2"	6"	12"	415.00
45614	Rubber	4 1/2"	6"	14"	440.00
45616	Rubber	4 1/2"	6"	16"	452.00
45618	Rubber	4 1/2"	6"	18"	462.00
45620	Rubber	4 1/2"	6"	20"	477.00
45624	Rubber	4 1/2"	6"	24"	508.00
60812	Rubber	6"	8"	12"	318.00
60814	Rubber	6"	8"	14"	353.00
60816	Rubber	6"	8"	16"	520.00
60818	Rubber	6"	8"	18"	531.00
60820	Rubber	6"	8"	20"	546.00
60824	Rubber	6"	8"	24"	560.00
81016	Rubber	8"	10"	16"	630.00
81018	Rubber	8"	10"	18"	652.00
81020	Rubber	8"	10"	20"	685.00
81024	Rubber	8"	10"	24"	727.00

Polyurethane	4 1/2"	6"	16"	452.00
Polyurethane	4 1/2"	6"	20"	477.00
Polyurethane	4 1/2"	6"	24"	508.00
Polyurethane	6"	8"	16"	520.00
Polyurethane	6"	8"	20"	546.00
Polyurethane	6"	8"	24"	560.00
Polyurethane	8"	10"	16"	630.00
Polyurethane	8"	10"	20"	685.00
Polyurethane	8"	10"	24"	727.00

The oversize rollers listed above are only a sample of the wide range of sizes which are special ordered. If you don't see the size you would like, please inquire.

The roll out of any roller is calculated by multiplying the outside diameter by 3.1416. Our standard rollers of 4 1/4" outside diameter have a roll out of 13.35 inches.

To calculate the outside diameter needed for the roll up of your needs, divide the roll out inches by 3.1416.

50020	Carton Charge for Special Rollers .....	7.50
50040	Crating Charge for Special Rollers .....	15.00