

# SHARK WELDING™



Shark Industries, Ltd.  
1-800-537-4275 [sharkind.com](http://sharkind.com)

# Solder & Flux

Electrical

Lead Free Plumbing

General Purpose





# Solder & Flux

Shark Welding offers a leading range of products for all soldering and flux needs. Our large variety of solder varies in grades, sizes, diameters, spool sizes and strengths covering both electrical and non-electrical applications.

Our Flux products are offered in paste, powder or liquid form. With Shark Welding on your side, you'll be able to tackle every project like a pro!



## Lead Free Wire Solder

- 100% lead free solder is 95% tin and 5% antimony alloy
- Complies with federal and state laws prohibiting lead in water systems
- Use on non-electrical applications such as plumbing and refrigeration

| Item# | Size  | Grade         | Tensile Strength | Melting Temp | Wt.     |
|-------|-------|---------------|------------------|--------------|---------|
| 12015 | 1/8"  | 95/5% Tin-Ant | 6000             | 464° F       | 1 lb.   |
| 12016 | 1/8"  | 95/5% Tin-Ant | 6000             | 464° F       | 1/2 lb. |
| 12017 | 1/8"  | 95/5% Tin-Ant | 6000             | 464° F       | 1/4 lb. |
| 12018 | 3/32" | 95/5% Tin-Ant | 6000             | 464° F       | 1/4 lb. |
| 12019 | 3/32" | 95/5% Tin-Ant | 6000             | 464° F       | 1/2 lb. |
| 12020 | 3/32" | 95/5% Tin-Ant | 6000             | 464° F       | 1 lb.   |



## Acid Flux Core Solder

- Acid flux core wire is best used for non-electrical applications
- For sheet metal joint and fitting connections

| Item# | Size | Grade           | Tensile Strength | Melting Temp | Wt.     |
|-------|------|-----------------|------------------|--------------|---------|
| 12024 | 1/8" | 40/60% Tin-Lead | 4900             | 460° F       | 1/4 lb. |
| 12025 | 1/8" | Commercial      | 4900             | 575° F       | 1 lb.   |



## Rosin Flux Core Solder

- This wire uses flux as a mild cleaning agent and is electrically non-conductive
- Works well on all types of electrical connections

| Item# | Size  | Grade           | Tensile Strength | Melting Temp | Wt.     |
|-------|-------|-----------------|------------------|--------------|---------|
| 12026 | 1/16" | 60/40% Tin-Lead | 7600             | 460° F       | 1/4 lb. |
| 12027 | 3/32" | 40/60% Tin-Lead | 5400             | 460° F       | 1/4 lb. |
| 12028 | 3/32" | 30/70% Tin-Lead | 5400             | 491° F       | 1/2 lb. |
| 12029 | 1/8"  | Commercial      | 3600             | 575° F       | 1 lb.   |



## Solid Wire Solder

- Must be used with paste or liquid flux
- Used for general, non-electrical applications such as: radiator repairs and other general jobs

| Item# | Size  | Grade           | Tensile Strength | Melting Temp | Wt.     |
|-------|-------|-----------------|------------------|--------------|---------|
| 12031 | 1/8"  | 30/70% Tin-Lead | 4500             | 491° F       | 1/2 lb. |
| 12032 | 1/8"  | 40/60% Tin-Lead | 4900             | 460° F       | 1/4 lb. |
| 12033 | 1/8"  | 50/50% Tin-Lead | 5500             | 413° F       | 1/2 lb. |
| 12034 | 3/32" | 50/50% Tin-Lead | 5500             | 421° F       | 1/4 lb. |
| 12035 | 3/32" | 40/60% Tin-Lead | 4900             | 460° F       | 1/4 lb. |



## Rosin Core Solder

- Permanently joins electrical wires and metal parts
- Non-corrosive and non-conductive
- Suitable for many industrial and commercial uses
- Comes in 3.75" plastic tube

| Item# | Size   | Grade           | Tensile Strength | Melting Temp | Wt.     |
|-------|--------|-----------------|------------------|--------------|---------|
| 12039 | 0.039" | 99.3/1.7% Sn/cu | N/A              | 460° F       | 1.0 oz. |



## Soldering Paste Flux

- Cleans as it fluxes
- Non-electrical leaded acid paste flux

| Item# | Wt.   | Qty. |
|-------|-------|------|
| 12038 | 2 oz. | 1    |



## Dry Brazing Flux

- This flux is used for flame brazing with either an oxy-acetylene or electric carbon arc torch
- For all types of brass, bronze, steel, malleable iron, cast iron, and galvanized metals
- Cleans the metal, readily dissolving any oxides that may be present or may be formed during the brazing process. These oxides form a low melting point, fusible slag, permitting the filler metal to flow freely, and to form a non-porous, oxide free weld

| Item# | Wt.                        | Qty. |
|-------|----------------------------|------|
| 12040 | 1/2 lb. - Dry Brazing Flux | 1    |
| 12041 | 1 lb. - Dry Brazing Flux   | 1    |



## Silver Solder Kit

- Lead free
- Use for all metals with the exception of aluminum
- Low temperature solder is excellent for many HVAC connections

| Item# | Description   | Active Temp   | Size/Wt.   |
|-------|---------------|---------------|------------|
| 12036 | Liquid Flux   | 300 - 700°F   | 1/2 oz.    |
|       | Silver Solder | 430° - 535° F | 3/64" Dia. |



## Soldering & Tinning Flux

- Used for soldering all metals, except aluminum, magnesium or titanium
- Not recommended for use in electrical or electronic applications

| Item# | Description | Active Temp | Size/Wt. |
|-------|-------------|-------------|----------|
| 12037 | Liquid Flux | 300 - 700°F | 4 oz.    |

