



**FIRST-QUALITY WATER-BASED POLISHING COMPOUND SYSTEM**  
for precious & non-precious polishing metal jewelry

331-111



Keep out of reach of children; not a food product!



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**LUXI® SCRATCH REMOVAL**

FIRST-STEP FINISHING AT-A-GLANCE

In the first step, removing scratches and work marks, this at-a-glance chart helps you match your preferred polisher, brush or buff and the metal you're working with to the LUXI® compound that's designed for the way you work.

	Hand-finishing	Spit-lap	Flex shaft motor buffs	Small bristle brush	Bristle brush (3"-4") 75-100mm	Stitched cotton (4") 100mm—treated	Stitched cotton (4") 100mm—untreated	Stitched cotton (6") 150mm—treated	Stitched cotton (6") 150mm—untreated	Muslin (6") 150mm	BUFF/WHEEL	PLATINUM	GOLD	SILVER	TITANIUM*	STAINLESS STEEL	BRASS
Hand-finishing	Blue	Black	Black	Blue	Black	Black	Black	Black	Black	Black		Blue	Purple	Purple	Green	Blue	Purple
Spit-lap		Blue	Gray		Purple	Gray		Gray	Gray			Yellow	Green	Black	Purple		
Flex shaft motor buffs			Green	Black	Purple	Green	Green	Cyan	Cyan								
Small bristle brush				Purple													
Bristle brush (3"-4") 75-100mm																	
Stitched cotton (4") 100mm—treated																	
Stitched cotton (4") 100mm—untreated																	
Stitched cotton (6") 150mm—treated																	
Stitched cotton (6") 150mm—untreated																	
Muslin (6") 150mm																	
BUFF/WHEEL																	
PLATINUM																	
GOLD																	
SILVER																	
TITANIUM*																	
STAINLESS STEEL																	
BRASS																	

\*When working with titanium, use short runs to avoid overheating the metal (keep below 70°C/158°F). If the piece is sanded to less than 1200-grit, use LUXI® gray; if sanded to 1200 or finer grit, use LUXI® green. For flat surfaces, we recommend sanding to 1500-grit, then using LUXI® green.

**THE LUXI® STORY:**

**— FLEXIBLE FINISHING FOR THE WAY YOU WORK.**

LUXI® compounds are designed to work the way you work. Together, this line of LUXI compounds forms a system—a flexible system that matches the tasks you need to do with the tools you prefer to use and provides a compound that delivers the results you need in your specific processes. Details on the full line of LUXI compounds are included in this sheet to make it easy for you to select those that will best suit the metals you work with, the tools you prefer and the finishing processes you already have in place.

**ADVANTAGES**

**While you work:**

- Reduce the use of abrasive papers, which create metal loss, and complete your polishing tasks faster with less metal loss. The structure of LUXI® compounds *moves* metal rather than removes it to smooth out scratches and work marks. In fact, the loss of precious metal (platinum, gold and silver) in high-output factories has been reduced more than 25%–40%, in some cases.
- Vegetable-fat and water-based, compounds work at lower temperatures, so they stay on the buff or wheel longer, using less compound overall and leaving less residue on the metal.
- The finishing process is reduced to a maximum of two steps: scratch removal and final polish.
- Choose from a wide range of low to very high aggressive compounds that can be used to suit all combinations of buff types and sizes, polishing methods and metal types.
- For scratch removal, choose the necessary aggression level among the compounds for scratch removal.
- For final luster, choose among the LUXI® high-luster compounds to achieve the final finish you want.

**When the work is done:**

- Very fast clean-up, less than 1 minute in an ultrasonic cleaner at low temperatures, 35°C–40°C and leaves behind no residue—even on intricate jewelry designs.
- Ideal for silver because the lower ultrasonic temperature eliminates tarnishing problems.
- Low residue cast-off prevents clogging of internal filters in polishing machines.
- Recovering gold from collected LUXI® polishing wheels, buffs and other residue is faster and more economical because it is far easier to separate the compound from the metal.

**CLEAN & SAFE TO USE**

Made from vegetable fats and alumina abrasives in a water-based compound—every variety of LUXI® finishing compound contains only non-hazardous materials. No harmful silica to be released as you work, and its water base makes clean-up fast, easy and effortless.

Visit riogrande.com to find the SDS for each of the LUXI® varieties.

**⚠ CAUTION!**

Keep these bars out of the reach of children; *not* a food product!

**LUXI**<sup>®</sup>

**LUXI<sup>®</sup> — HIGH-QUALITY WATER-BASED POLISHING COMPOUNDS**  
For precious and non-precious metal finishing

— **SCRATCH-REMOVAL** —

Compound	Aggression Level	Buff/wheel	LUXI <sup>®</sup> polishing system notes & recommendations
<b>LUXI</b> ASIAN BLUE #331-100	<b>10++</b> very high	<ul style="list-style-type: none"> <li>150mm dia. split-lap wheel made from 100% wool; run at 3,000rpm</li> <li>small 10–20mm bristle brush wheel</li> </ul>	<p>Starting after 180-grit abrasive paper</p> <p>The most aggressive compound in the LUXI<sup>®</sup> range, <b>LUXI<sup>®</sup> Asian blue</b> is used mostly for small low-speed buffs, small bristle brushes, split-lap wheels where more aggression is needed. Suitable for all precious and non-precious metals.</p>
<b>LUXI</b> BLACK #331-088	<b>10</b> high	<ul style="list-style-type: none"> <li>150mm dia. muslin buff</li> <li>150mm dia. stitched cotton buff</li> <li>Non-treated buff</li> </ul>	<p>Starting after 180-grit abrasive paper</p> <p>A very aggressive compound, used in place of LUXI<sup>®</sup> gray, <b>LUXI<sup>®</sup> black</b> can be used on split-lap wheels for flat pieces, on muslin buffs after 180-grit abrasive paper for stainless steel, on cotton buffs for platinum and titanium.</p>
<b>LUXI</b> GRAY #331-090	<b>9</b> medium to high	<ul style="list-style-type: none"> <li>150mm dia. stitched cotton buff</li> <li>Non-treated buff</li> </ul>	<p>Starting after 180-grit abrasive paper</p> <p>An aggressive compound, <b>LUXI<sup>®</sup> gray</b> can be used on muslin buffs for stainless steel, on stitched cotton buff for first stage scratch removal on platinum, and on titanium using short runs at 3,000rpm.</p>
<b>LUXI</b> YELLOW #331-094	<b>8</b> medium	<ul style="list-style-type: none"> <li>150mm dia. stitched cotton buff</li> <li>Non-treated buff</li> </ul>	<p>Starting after 240- to 320-grit abrasive paper</p> <p>An aggressive compound, <b>LUXI<sup>®</sup> yellow</b> is ideal for bronze, brass and silver on stitched cotton buffs; great results can also be achieved on 150mm muslin or felt stitched buffs running at 3,000rpm.</p>
<b>LUXI</b> BLUE #331-095	<b>7</b> medium	<ul style="list-style-type: none"> <li>150mm dia. stitched cotton buff</li> <li>Non-treated buff</li> </ul>	<p>Starting after 320-grit abrasive paper</p> <p><b>LUXI<sup>®</sup> blue</b> is a medium-aggressive universal compound for gold, silver, bronze and brass, ideal for both scratch-removal and final luster in one process. Best results using 150mm cotton- or felt-stitched buffs running at 3,000rpm</p>
<b>LUXI</b> GREEN #331-091	<b>7</b> medium	<ul style="list-style-type: none"> <li>100mm dia. stitched cotton buff</li> <li>Non-treated buff used with flex shaft or other small polishing motors</li> </ul>	<p>Low-temperature, low-speed compound for gold, silver, brass and all non-precious metals</p> <p><b>LUXI<sup>®</sup> green</b> is a medium-aggressive compound for use at lower speeds. Perfect for polishing platinum and titanium (2nd stage) at 800-1,000rpm without "orange peel." The best choice for polishing intricate surfaces with felt tips and power tools. Compound compares to 240-grit abrasive paper for scratch-removal when used on muslin buff. Delivers a high luster when used with 100mm dia. loose-fold flannel buffs.</p>
<b>LUXI</b> PURPLE #331-081	<b>8</b> medium	<ul style="list-style-type: none"> <li>Bristle brush in a powertool</li> <li>Cotton string in hand-polishing</li> </ul>	<p>Low-temperature low-speed compound for gold, silver, brass, and all non-precious metals</p> <p><b>LUXI<sup>®</sup> purple</b> is designed for use on bristle brush wheels mounted on power tools, working at low speeds, to polish intricate surfaces starting after 400- to 600-grit abrasive paper. Ideal for scratch removal on all jewelry alloys. Also a best choice for hand-polishing.</p> <p>Standard polishing with 3,000rpm motor, power tools and by hand</p>

— **HIGH-LUSTER** —

Compound	Luster Index	Buff/wheel	LUXI <sup>®</sup> polishing system notes & recommendations
<b>LUXI</b> ORANGE #331-099	<b>10++</b> very high	<ul style="list-style-type: none"> <li>150mm dia. loosefold flannel or balloon buff</li> <li>Non-treated buff</li> </ul>	<p><b>LUXI<sup>®</sup> orange</b> is ideal for producing very bright and clean high-luster finish on gold and silver; work at 3,000rpm. The top-quality final luster compound in the LUXI range; ideal for use before electro-plating.</p>
<b>LUXI</b> SUPER FINE WHITE #331-097	<b>10</b> high	<ul style="list-style-type: none"> <li>150mm dia. loosefold flannel or balloon buff</li> <li>Non-treated buff</li> </ul>	<p><b>LUXI<sup>®</sup> super-fine white</b> is ideal for a high-luster finish for gold and silver. Use at 3,000rpm for best results.</p>
<b>LUXI</b> RED #331-098	<b>10</b> high	<ul style="list-style-type: none"> <li>150mm dia. loosefold flannel or balloon buff</li> <li>Non-treated buff</li> </ul>	<p><b>LUXI<sup>®</sup> red</b>, with the traditional color of red rouge, offers the same luster as super-fine white and is ideal for achieving a final high luster for gold and silver, working at 3,000rpm. Final polishing compound for platinum and stainless steel, and a very economical final luster compound for non precious commercial metals.</p>
<b>LUXI</b> PINK #331-096	<b>9</b> medium to high	<ul style="list-style-type: none"> <li>150mm dia. loosefold flannel or balloon buff</li> <li>Non-treated buff</li> </ul>	<p><b>LUXI<sup>®</sup> pink</b> is ideal as a final high luster after using LUXI gray, yellow or blue, working at 3,000rpm for best results.</p>
<b>LUXI</b> GREEN #331-091	<b>9</b> medium to high	<ul style="list-style-type: none"> <li>100mm dia. loosefold flannel or balloon buff</li> <li>Non-treated buff used with flex shaft or other small polishing motors</li> </ul>	<p><b>LUXI<sup>®</sup> green</b> is a low-temperature, low-speed compound for gold, silver, brass and all non-precious metals; effective for titanium, working at speeds no higher than 1,000rpm. This compound is ideal at lower speeds and on small buffs; it is a great choice for polishing intricate surfaces with felt points and power tools. Provides a high luster.</p>