Metal	Grain Color	Color Description	Finish	Characteristics	Hypo Allergenic		
<b>Platinum (Pt)</b> : A dense, malleable metal. It is almost always used in its purest form in jewelry, 95%. Platinum is substantial in weight and non-corrosive. Comparatively, a ring in platinum will weigh almost 60% more than the same ring in 14kt gold.							
Platinum		White with a cool undertone	Resistant to wear; shows scratches; slowly dulls to a patina finish	Maintains surface embellishments such as engraving and milgrain; called a "pure metal"	Yes		
Palladium	) ,	Soft, silvery-white color with slightly gray undertones	Resistant to wear; shows scratches; slowly dulls to a patina finish	Member of the platinum metal group; also in an almost pure form in jewelry, 95%	Yes		
		alleable metal that can be po ations and working propertion		commonly mixed with other metals, or alloys, to cre	eate a		
24kt Yellow Gold		Bright yellow	Shows scratches; can lose shape over time	Fine gold, rarely used in jewelry in its purest form due to the softness of the metal	No		
18kt Yellow Gold		Rich yellow	Shows scratches; polishes as worn	18 parts gold or 75% pure gold content; international standard for jewlery; combines purity with performance	No		
18kt X1 White Gold	18 G	White with a cool undertone	Shows scratches; polishes as worn	Premium white that stays white; excellent for stone setting	No		
18kt White Gold		White with a slight yellow undertone; rhodium plating brings to bright white	Shows scratches; polishes as worn	Rigid; more brittle than Platinum; wears overtime; requires rhodium plating to maintain bright white finish	No		
18kt Rose Gold		Warm rose	Shows scratches; polishes as worn	Fashionable addition to the gold jewelry family; created by adding cooper alloy to the gold mixture.	No		
14kt Yellow Gold		Medium yellow	Shows scratches; polishes as worn	14 parts gold or 58% pure gold content; traditional karat of choice in USA	No		
14kt X1 White Gold	7	White with a cool undertone	Shows scratches; polishes as worn	Premium white that stays white; excellent for stone setting	No		
14kt White Gold		White with a slight yellow undertone; rhodium plating brings to bright white	Shows scratches; polishes as worn	Rigid; more brittle than Platinum; wears overtime; requires rhodium plating to maintain bright white finish	No		
14kt Rose Gold		Medium rose	Shows scratches; polishes as worn	Fashionable addition to the gold jewelry family; created by adding cooper alloy to the gold mixture	No		
14kt Green Gold		Greenish yellow	Shows scratches; polishes as worn	Less commonly produced variation, created by leaving out copper alloy	No		
10kt Yellow Gold		Pale yellow	Shows scratches; polishes as worn	10 parts gold or 41% pure gold content; lower gold content makes the jewelry harder and more affordable	No		
10kt X1 White Gold		White with a cool undertone	Shows scratches; polishes as worn	Premium white that stays white; excellent for stone setting	No		
10kt White Gold		White with a slight yellow undertone; rhodium plating brings to bright white	Shows scratches; polishes as worn	Rigid; more brittle than Platinum; wears overtime; requires rhodium plating to maintain bright white finish	No		
10kt Rose Gold		Light rose	Shows scratches; polishes as worn	Fashionable addition to the gold jewelry family; created by adding cooper alloy to the gold mixture.	No		

Metal	Grain Color	Color Description		Finish	Characteristics	Hypo Allergenic		
Silver (Ag): Silver is a soft, lustrous metal that is very malleable and silver-white in color.								
Continuum <sup>1</sup> Sterling Silv	Control of the Contro	Bright white		vs scratches; /orn; tarnish resistant	More tarnish resistant than traditional sterling silver; hard enough to set stones securely	No		
Sterling Silv	er Silv	very-white with a sli pink undertone		vs scratches; as worn; tarnishes	Malleable; less suitable for everyday jewelry because it wears away more quickly	No		
Precious Bor	nd	Yellow or white		vs scratches; hes as worn	25% lighter than an all gold band; will wear over time like gold; should not be stretched beyond ¼ of a size	No		
Metal	Color Description	Finish	Characteristics	Removal Information	Care	Hypo Allergenic		
Tungsten	Gray (white, black and rose topcoat)	Resistant to scratching	Heavy, substantial feel; can fracture or break	Use the Stuller Ring Rem Vise (item# 58-2440) to fracture the ring and it will fall off of th customers finger. Go to stuller.com for vid	or a steam cleaner; do not put into an ultrasonic cleaner or other harsh chemicals; the potential for cracking does exist so keep ring	No		
Titanium	Medium gray	Resistant to wear; shows scratches; slowly dulls to a satin finish	Lightweight and shatterproof	Use an electric ring cuttor separating disc to cut ring at two opposite sid of the ring. Once the rinhas been cut, it will cor off in two halves.	the a steam cleaner or hot water to remove dirt embedded in diamond bezels or between links; Ultrasonic	Yes		
Black Titanium	Black	Resistant to wear; shows scratches; slowly dulls to a satin finish	Lightweight and shatterproof; black color is resistant to wea	Use an electric ring cuttor separating disc to cut ring at two opposite side the ring. Once the ring has been cut, it will cor off in two halves.	the Titanium should be cleaned s of with a steam cleaner or hot water to remove dirt; do not put into	Yes		
Cobalt	Cool white	Will show signs of wear but can be polished	Shatterproof and durable	Using a diamond coate drill bit, cut the ring at t opposite sides of the rin Once the ring has been or will come off in two halv Go to stuller.com for vid	wo Cobalt should be cleaned with mild ag. soap and water then gently dried ut, it with a soft cloth; do not expose to harsh chemicals like chlorine	Yes		

## **Commonly Used Terms:**

Terms	Available Colors	Description		
Physical Vaper Deposition (PVD)	White, black, rose	Top coat used on Tungsten to change the outside color of the material; stronger than immerse or ion plating		
Immerse Plate (IP)	Black, rose, chocolate, gold	Plating process that uses colored titanium particles to color metal the desired color then baked to secure the bond; can be scratched and worn off over time; expected lifetime of plating is about 1 year		