



Diamonds are for Everyone

WHY LAB GROWN DIAMONDS

The world is turning a new leaf and going green. So can you, by adopting lab-grown diamonds, the authentic, pure and safe new alternative.



TRUE DIAMOND

Lab-grown diamonds are identical in every way to mined diamonds. They have the same chemical composition and other properties. The difference can only be distinguished in a gemological laboratory.



CONFLICT FREE

Lab-grown diamonds are unaffected by political issues in war-torn areas across the globe. Their creation, cutting and polishing processes are not compromised by global conflict.



ECO FRIENDLY

Lab-grown diamonds are created in facilities that are environmentally friendly and have a tiny ecological footprint. The production process of these diamonds consumes a minimal amount of energy and has almost no emissions that will impact the planet.



COST EFFECTIVE

Our lab-grown diamonds cost less than mined diamonds. They cost a fraction of the amount as compared to mined diamonds. They're very pocket friendly and this gives everyone an opportunity to own one of these exquisite pieces.



CERTIFIED

Lab-grown diamonds are graded by the leading Gemological lab using the same four C's that mined diamonds use. Each of our diamonds comes with a certification from a leading gem laboratory.



VALUE FOR MONEY

Purchase a bigger lab grown diamond at the same price that you would pay for a small or average size mined diamond.

EASY ACCESSIBILITY



- Access our inventory anywhere, anytime on any device
- User friendly interface
- Live inventory showcase of all certified stones
- Get a 360 degree video and image view of our whole inventory

WHY ET HEREAL

PRECISE CUT



The skilled hands of our cutters have mastered the art of producing the finest quality diamonds to a point of utmost perfection.

CERTIFICATION



All our lab-grown diamonds can be certified with leading Gemological Laboratories across the globe. On purchasing diamonds from Ethereal they are accompanied with a certificate of authenticity from leading Gemological Laboratories.

VIVID COLOUR



We provide a wide range of colours starting from D to N. We also have available a light to vivid shade range of Pink, Orange and Blue. All of these colours are rarely available in mined diamonds.

TRANSPARENT DEALING



We as a company value the principles of honesty and integrity, and make sure that all your business transactions are conducted in a straightforward, ethical and professional manner.

LARGE INVENTORY



We have a huge inventory which enables us to fulfil any order within a stipulated time frame.

AFFORDABLE



Our lab grown diamonds are far more economical as compared to the prices of their counterparts.



LAB-GROWN DIAMONDS IN THE MEDIA

LEONARDO DICAPRIO



Academy Award winner Leonardo DiCaprio has made huge investments in the Lab Grown Diamond sector.

CAMILA MENDES



The Riverdale actress wore a ring with the world's largest lab-grown pink diamond (5.01 carats) to 2018 People's Choice Awards in Los Angeles.

ROLLS ROYCE

Cars in the limited-edition Rolls-Royce Adamas collection feature 88 black lab-grown diamonds on its dashboards. The stones form the infinity symbol and sit underneath a clock mounted on the car's dashboard.



VICTORIA'S SECRET

The 2018 Victoria's Secret Dream Angels Bra, made exclusively with lab-grown diamonds and valued at \$1 million was worn by supermodel Elsa Hosk in the annual VS fashion show in December 2018.



PENÉLOPE CRUZ



Her sustainable jewelry collection that debuted at the July 2018 Paris fashion shows featured lab-grown diamonds.

EMMA WATSON



Emma Watson of Harry Potter fame was spotted wearing a bracelet that was made out of lab-grown diamonds.

THE ETHEREAL COLLECTION

Rings



Rings with Ethereal diamonds are crafted with the utmost precision and care and always sport an elegant and classy look.

Studs

Come and experience sophisticated and classic diamond stud earrings that are a part of our collection. Our elegant selection of stud earrings are simple yet iconic.



Pendants

Our diamond studded pendants are stylish yet subtle. Make an impression wearing these delicate yet intricate diamond-studded designs.



Tennis Bracelets

With interesting shapes and textures combined with a smooth finish our bracelets let you wear your emotions on your wrist, while keeping things stylish and chic.



KNOW THE DIFFERENCE

Lab Created Diamonds vs. Diamond Simulants

Diamond simulants, such as cubic zirconia and moissanite, look similar to diamonds but are not true carbon crystals.

Simulants do not have the same chemical and physical properties as natural diamonds and therefore sell at much lower prices than lab diamonds.

Most of the Simulants can be distinguished from natural or lab diamonds using only the naked eye.

Thus they are not diamonds but just shiny crystals that look like diamonds.

Lab Created Diamonds vs. Natural Diamonds

Lab created diamonds display the same physical, chemical, and optical characteristics as mined diamonds, and exhibit the same fire, scintillation, and sparkle.

Using a standard loupe, our lab-grown diamonds are nearly impossible to differentiate from mined diamonds .

They can be differentiated by Heavy gemological equipment only, which is generally owned by Leading gem identification laboratory.

Lab-Grown Diamonds				Earth Mined Diamonds				
Yes				Is it a Diamond?			Yes	
								
Rare & Purest (Type IIa)				Intrinsic Purity			Only 2% are Type IIa	
								
Diamond Growing Greenhouses				Source of Diamonds			Excavation of Earth	
								
No				Is it Fake / Artificial?			No	
								
Eternity				Life of Diamond			Eternity	
								
No				Engages Bonded Labour / Child Labour			Possibly	
								
Yes				Does it have the same physical properties?			Yes	
Hardness 10	Refractive Index 2.42	Specific Gravity 3.52	Chemical Composition Carbon		Hardness 10	Refractive Index 2.42	Specific Gravity 3.52	Chemical Composition Carbon

THE 5th C of DIAMONDS

The 4C's of a diamond are Colour, Clarity, Cut and Carat. The 5th C that most people don't know about but that is as important as the other 4C's is the Chemical Composition. The composition of Diamonds is essentially that of Pure Carbon. Although it is important to note that most mined diamonds contain Nitrogen & Boron impurities that occur during the formation. Out of 100% only 2% diamonds are found without any impurities, these diamonds are called type **IIa** diamonds. We are proud to say that all Ethereal Green Diamonds are type **IIa**. examples of type **IIa** mined diamonds. Type **IIa** diamonds are very rare and they that are available in the market.

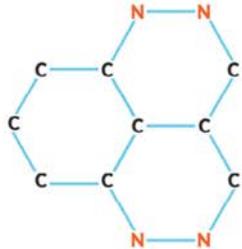
people don't know about but that is as important as the other 4C's is the Pure Carbon. Although it is important to note that most mined diamonds contain Nitrogen & Boron impurities that occur during the formation. Out of 100% only 2% diamonds are found without any impurities, these diamonds are called type **IIa** diamonds. The Kohinoor diamond and the Hope diamond are some of the best are always valued at a much higher price in comparison to other types of diamonds

TYPE I

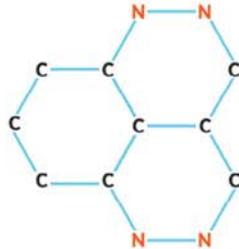
Ia diamonds contain Nitrogen (N) atoms in clusters. Approximately 95% of natural diamonds are type **Ia**

Ib diamonds contain Nitrogen (N) atoms as isolated atoms instead of clusters.

Ia
With aggregated (N) pairs



Ib
Isolated single (N) impurities

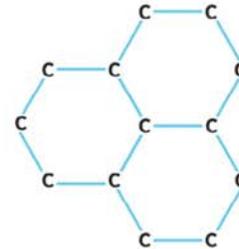


TYPE II

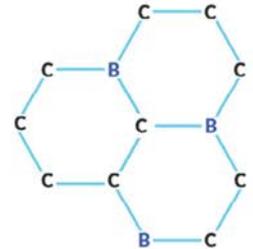
IIa diamonds have no measurable Nitrogen (N) or Boron (B) impurities, just pure Carbon (C). Less than 2% of mined diamonds are type **IIa** diamonds. All lab grown diamonds are type **IIa** diamonds.

IIb diamonds have Boron (B) as their trace element.

IIa
Without (N) or (B) impurities



IIb
With (B) impurities



The Kohinoor Diamond
105.60 Carat

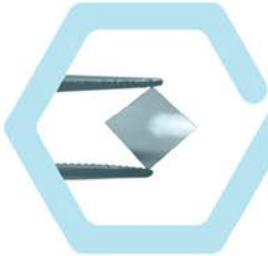


The Hope Diamond
45.52 Carat

Lab-Grown Diamonds PRODUCTION PROCESS

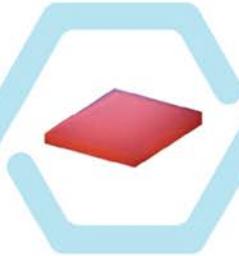
STEP ONE

The first step in this process involves preparing the type 2A Diamond seed.



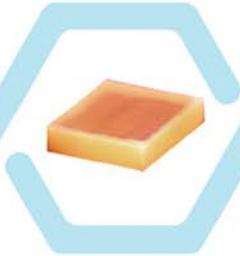
STEP TWO

Once the seed is accurately prepared, then a plate containing multiple number of diamond seeds is placed inside a plasma reactor.



STEP THREE

Inside the plasma reactor a variety of gasses are released creating an environment of extreme heat and pressure very similar to that which occurs in Mother Nature.



STEP FOUR

Once the atmosphere is right in the plasma reactor, carbon crystallisation of the seeds begins to occur and diamonds start forming.



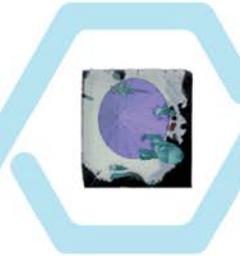
STEP FIVE

Through this entire process our team of expert scientists closely monitors the diamonds and they make sure that the diamonds are removed from the plasma reactor at the precise moment so as to maximise its characteristics.



STEP SIX

Once the rough shaped diamonds are removed from the reactor they are then sent across to get cut and polished.



STEP SEVEN

Using the most advanced technological machinery our team of experts cut and polish the diamonds so that they obtain a truly world class look. We make sure that we get the maximum fire out of our diamonds.



STEP EIGHT

Every Ethereal diamond passes through a series of quality checks before it reaches the consumer. And as a result you are presented with highly elegant, eco friendly and conflict free diamonds.

What is a LAB-GROWN DIAMOND

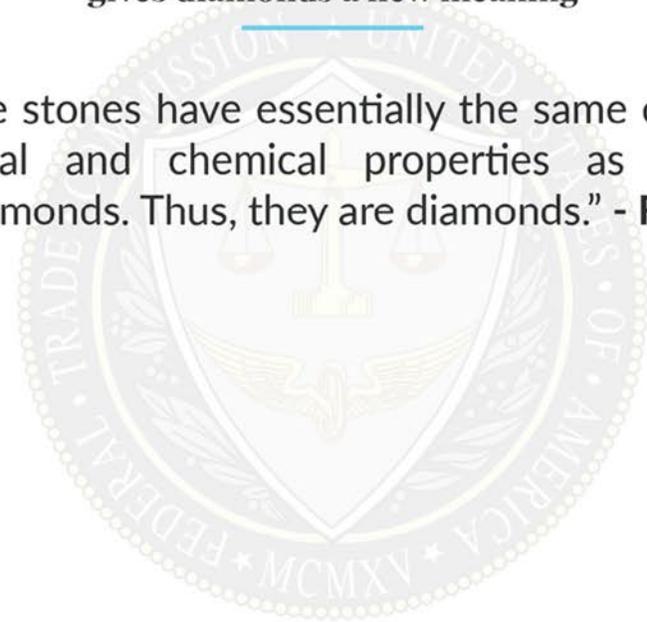
Grown in highly controlled laboratory environments lab created diamonds are produced using advanced technological processes. They are created in a setting that replicates the conditions under which natural diamonds are formed.

The internal structure of these man-made diamonds is that of actual carbon atoms arranged in the same structure of diamond crystals. These engineered or cultured diamonds as they are also called, have the same optical and chemical properties as mined diamonds.



US FEDERAL TRADE COMMISSION gives diamonds a new meaning

“These stones have essentially the same optical, physical and chemical properties as mined diamonds. Thus, they are diamonds.” - **FTC**





ABOUT US

Ethereal Green Diamond is the manufacturer and global supplier of the finest quality of lab-grown diamonds headquartered in India. Using high tech machinery our master craftsmen work tirelessly to make sure that our lab-grown diamonds are cultivated with utmost care, safety and precision.

Ethereal has a State of the Art Factory where we have mastered the process of the giving birth to diamonds that look, feel and shine bright just like its counterpart.





ETHEREAL GREEN DIAMOND

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