

Diamond Paste - For all your Lapping needs



Manufactured by D-Tec with tightly graded powders of Diamond Innovations (formerly GE Superabrasives) and Warren Diamond Powder Co. Inc of USA is specially formulated to meet the specific demands of the entire abrasive users industry.

This carrier have been specially formulated to maintain a constant viscosity over a wide temperature range, are heat resistant and thus ensures maximum utility of the diamond powder.

The above properties make the paste an efficient tool in the very high precision industries where finish and cleanliness are of importance. The lapping of computer read/write heads, tape recorder heads, optical lenses, watch jewels, sapphire, watch glass, tungsten carbide parts etc., can be successfully done with these compounds.

Available in 5 gram syringes and 50 gram containers, in oil soluble and universally soluble and universally soluble base and in different concentration.

Universally Soluble Diamond Paste:

GRADE MICRON SIZE	COLOUR CODE	GRADE MICRON SIZE	COLOUR CODE
0 - 1/4	LIGHT BLUE	4 - 8	YELLOW
0 - 1/2	LIGHT BLUE	8 - 12	GREEN
0 - 1	LIGHT BLUE	10 - 15	GREEN
1/2 - 1	LIGHT BLUE	15 - 25	GREEN
0 - 2	PINK	20 - 30	GREEN
1 - 2	PINK	30 - 40	BROWN
1 - 3	LIGHT GREEN	40 - 60	BLUE
2 - 3	LIGHT GREEN	60 - 80	RED
2 - 4	LIGHT GREEN	80 - 100	RED

Applications:

D-Tec diamond paste for efficient & desired results in polishing of

- Aluminium Inserts □ Punches □ Metallographic Specimens
- Carbide & Diamond Wire Drawing Dies □ Valves & Seats □ Plastic Injection Moulds
- Ceramic & Carbide Seals □ Watch Jewels □ Plug, Ring & Thread Gauges
- Ball Bearing Races □ Optical Lenses □ Precious & Semi-Precious Stones
- Extrusion Dies □ Wear Parts

Important Application Factors:

1. Material of the lap.
2. Grit concentration and chemical composition of the compound.
3. Size of the powder.
4. Working pressure.
5. Sliding Speed.
6. Cleanliness.

D-Tec India

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