



Corona Treater for PP FLUTE BOARD

ELTECH ENGINEERS PVT LTD , established in 1992 is an ISO 9001:2015 certified Indian Company engaged in the manufacturing activity of Corona treater, Plasma Treatment Systems, Static Charge Eliminator, Static Chargers, Static Meters, Ionizing Air gun, Blowers etc. Our clients always look upto us for their different requirements because of our high quality standards, superior performance, zero defect products, timely deliveries and very reasonable price.

About PP FLUTE BOARD Corona Treatment

PP Flute board have a longer life of endurance and durability. these PP Flute Boards are astoundingly strong having twin wall chambers that enhances their strength to withstand air pressure, forceful water tripping and stormy conditions.

Of course, it have many uses like Advertisement Sign board , Hording and industrial packaging. This product is waterproof, they can resist extreme heat conditions also. The sheets are quite stretchable and can be cut to shape without discomfort.

The visible lines on the PP Flute reduce the aesthetics of the print. PP flute board has an entirely flat surface that ensures your finish is seamless, literally! Fortified with CORONA treatment, prints on PP flute board stay fresh for longer than any other material. Unlike PP Flute, which has strength in only one direction and can tear easily, the circular honeycomb core of Board, makes it equally strong in all directions.

Compared to Sun board, which is brittle, which breaks easily, PP flute board is durable and does not crack. Ink on Sun board fades over time and leads to dull prints. With its CORONA treatment, the prints on PP Flute always stay vibrant.

Eltech Corona treater system creates powerful bonding for printing, painting, coating, laminating and adhesion applications. Our technology is uniquely designed to treat 2-dimensional films, as well as many other applications requiring Improved surface energy and long-lasting activation.

The Corona treatment system is a very effective way to increase the surface tension of virtually any material. Surface treatment is required for plastic films whose normal surface tension is not sufficiently high to permit good wetting by flexographic inks.

Corona treatment system increases the surface tension of any plastic material respective to inks by inducing molecular changes in the surface of the films. This is done by exposing the air at the material's surface to a high-voltage electrical discharge - Corona.

PP Flute sheet is the preferred material choice across multiple industries for its lightweight structure and competitive pricing and is widely recognized as being a far more durable alternative to corrugated sheet box, low weight than metal and both chemical and water resistant and affordable too because it is recyclable.



APPLICATIONS:

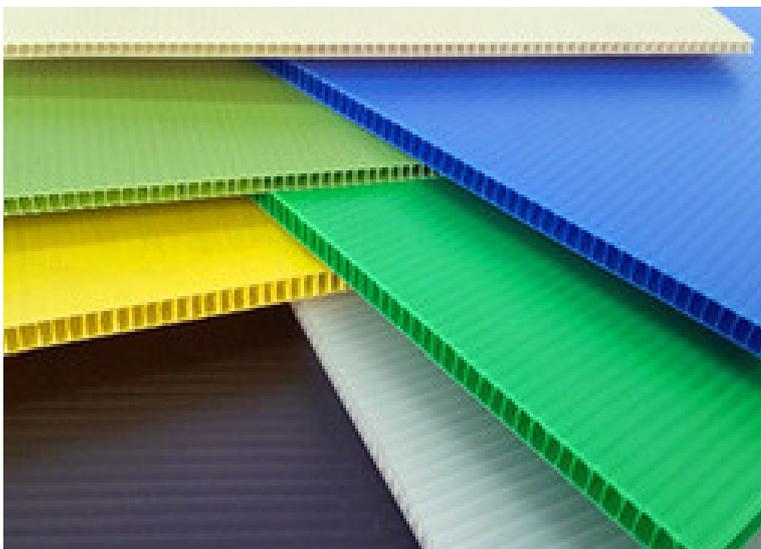
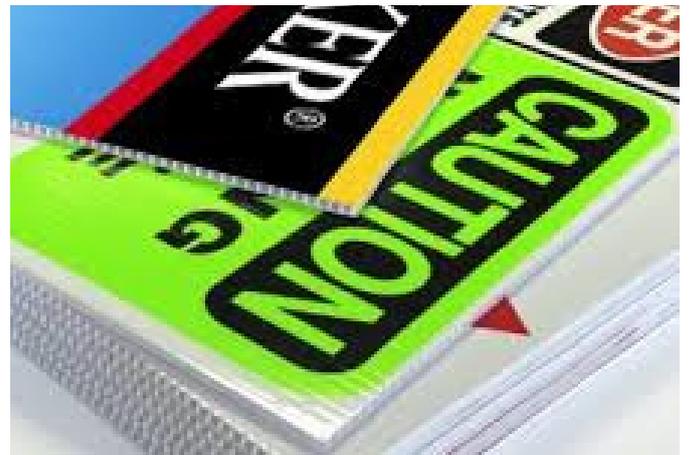
1. PP FLUTE BOARD
2. SUN BOARD
3. HARD SIGNAGE BOARD
4. PLASTIC BOARDS ETC..

FEATURES :

1. EASY TO INSTALL
2. ACCURATE OUTPUT POWER
3. LOW MAINTENANCE
4. ECONOMICAL DESIGN
5. IMPROVED COSTS SAVINGS
6. USER FRIENDLY TEXT

BENEFITS :

1. EASY MAINTENANCE
2. COMPACT SIMPLE CONSTRUCTION
3. ULTRA HIGH FREQUENCY
4. MAXIMUM OPERATOR SAFETY
5. SOFT START
6. ADVANCED IGBT TECHNOLOGY
7. FORCED COOLED CONVERTOR FOR LONGER LIFE



Qualitative ratings of treatment level or Wettability

Sr. No.	Treatment level in Dynes / cm	Expected Quality rating in terms of print or coating adhesion
1	Below 32	Very poor printing or coating adhesion
2	34	Poor printing or coating adhesion
3	36	Fairly good printing or coating adhesion.
4	38	Good printing or coating adhesion.
5	40	Very good printing or coating adhesion.
6	42	Excellent printing or coating adhesion.

Technical Specification :

Treatment Size : (Customised)

Speed : 10 mtr/ min

Input Voltage : AC 440 V / 50 HZ 3 Phase

Output Frequency: 30 Khz

Output Power: 4 KW

Dynes level : 38 to 42 dynes/cm

Corona output :

Constant at the same speed

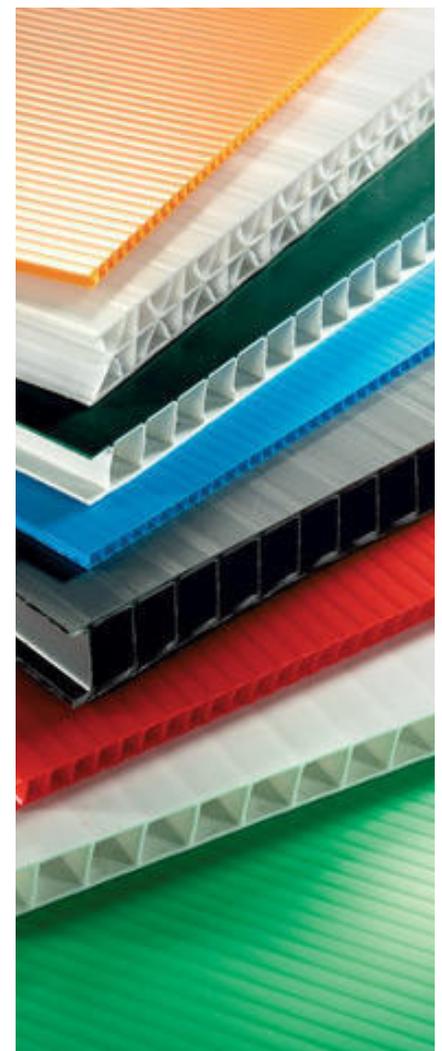
No influence of supply voltage

Ultra-High Frequency with Advanced IGBT Technology

Accurate Output power

Electrode: Multisegmented System Electrode

Max Temp: 45 Degree Celcius



Eltech Engineers Pvt Ltd

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