Various types of powders are used to improve performance and functionality of wires and cables. These include talc to reduce tackiness and superabsorbents to limit water migration. ECC Compact systems are the ideal solution for coating cables with these powders. The small, mobile system is designed for abrasive materials at line speeds up to 150 m/minute for cables with maximum 20 mm diameter.

**Features and Benefits**
- Precisely controllable process assures consistent, reproducible coating thickness
- Closed loop powder recovery provides high transfer efficiency while keeping the environment clean
- Compact system design, adjustable height of the spray chamber and casters allow easy integration into existing production lines
- Supports low and medium production speeds

**System Components**
- Encore® LT controller
- Encore powder gun
- Adjustable powder spray chamber
- Automatic powder recovery system
- Pressure regulator

Precisely apply talc or superabsorbent powder (SAP) coatings onto cables, meeting the low to medium speed production and the high quality requirements of the cable industry.
ECC Compact™ Electrostatic Cable Coater

**Part Number**
7577682  Cable Coater ECC Compact complete

**Specifications**

- **Ambient Temperature**: 15 to 40°C (59 to 104°F)
- **Hazard Area Rating (ATEX directive)**:
  - **Controller**: Zone 22 (EU) or Class II, Division 2, Group F and G
  - **Powder Gun**: Zone 21 (EU) or Class II, Division 1, Group F and G
- **Electrostatic Mode**:
  - **STD range**: 25 - 100 kV
- **Electrical Voltage Supply**: 230 VAC, 1-PH, 50 – 60 Hz
- **Power Consumption**:
  - **Normal Operation**: 1850 W
  - **Maximum**: 3600 W
- **Compressed Air**:
  - **Operating Air Pressure**: 0.6 MPa / 6 bar / 87 PSI
  - **Consumption**: 15 Nm³/hr. (250 l/min.)
  - **Quality**: < 5μ particle size, dew point < 10°C (50°F)
  - **Max. Relative humidity**: 95% non-condensing
- **Enclosure Rating**: IP54
- **Weight Complete System**: 170 kg
- **Enclosure Dimensions**:
  - **Height**: 1800 mm (70.87 in.)
  - **Width**: 1500 mm (59.06 in.)
  - **Depth**: 800 mm (31.50 in.)
- **Noise Emission**: 73 dB (A)
- **Reservoir**: 20 L

For more information, speak with your Nordson representative or contact your Nordson regional office.

**United States**
Duluth, Georgia
(800) 683-2314 Phone
(866) 667-3329 Fax

**Europe**
Erkrath, Germany
(49) 211-9205-0 Phone
(49) 211-254658 Fax

**Japan**
Tokyo, Japan
(81) 3-5762-2710 Phone
(81) 3-5762-2717 Fax

**Asia/Australia/Latin America**
Amherst, Ohio
(440) 985-4797 Phone
(440) 985-1096 Fax

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Accessible powder reservoir
Easy inspection of vacuumized dusting chamber