1.0 Application

The 4298 Flexport is a heavy vinyl sleeve that can be wrapped around field spliced or preconnectorized cables entering a 4200 Series cabinet to form a moisture barrier (Base Isolation). The sleeve is sealed with "hook and loop" fasteners and secured to the cable and cable port with two large cable ties.

The Flexport provides base isolation in three different applications:

- Combined Base Isolation and Moisture Block on air-core cable.
- Base Isolation between cabinets and cable sheath on filled cable or air-cable where a moisture block is not necessary. **Note**: Hard or reenterable encapsulant may be used.
- No encapsulant Base Isolation Seal.

2.0 Installation Procedures

2.1 **Sheath Opening** - When preconnectorized cable is placed prior to cabinet, position sheath opening 14" (356 mm) above top of slab for filled cable and air-core cable **where a moisture block IS NOT required** (Section 2.5 and 2.6); and 8" (203 mm) above top of slab for air-core cable **where a moisture block IS required** (Section 2.4).

See Figures 1 and 2.

2.2 Thoroughly scuff and clean cable sheath above slab.

2.3 Install shield bond connectors and bonding strap per company practice.
2.4  Moisture Block with Hard Encapsulant for Air-Core Cable

a. Place one wrap of B Sealing Tape on outside of cable port and on sheath at bottom of Flexport, approximately 10" (250 mm) below port. See Figure 3.

b. Place Flexport around cable and seal "hook and loop" fasteners.

Note: To prevent encapsulant from leaking through "hook and loop" fastener, be sure it is securely sealed.

c. Cut a 1/2" (13 mm) notch at top of Flexport where it will fold over the cable port halves (nuts and bolts). See Figure 4.

d. Fold Flexport over cable port and place cable tie around Flexport and over B Sealing Tape.

e. Place the other cable tie over the B Sealing Tape at bottom of Flexport. See Figure 5.

f. Pour encapsulant even with top of Flexport.

2.5 Flexible Isolation Block with Reenterable Encapsulant for Air-Core or Filled Cable

a. Repeat Steps 2.1 through 2.3 for cable preparation.

b. Repeat parts (a) through (f) of Step 2.4 for Flexport installation. See Figure 6 for completed installation.
2.6 Base Isolation Seal (No Encapsulant)

a. Place one wrap of B Sealing Tape on outside of cable port and on sheath, approximately 8” (205 mm) above port. See Figure 7.

b. Place Flexport around cable and seal "hook and loop" fasteners.

c. Cut a 1/2” (13 mm) notch on the bottom of the Flexport where it will slide over the cable port halves (nuts and bolts).

d. Slide Flexport over cable port and place cable tie around Flexport and over B Sealing Tape. Leave approximately 4” (100 mm) of slack in Flexport to allow for cable movement. See Figure 8.

e. Place the other cable tie on the Flexport approximately 8” (205 mm) above the port and over the B Sealing Tape. Refer to Figure 8.

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