

CABLES
720 AND 721 TYPES
PROTECTION OF INSULATION

1. GENERAL

1.01 This section covers procedures for the application of Neoprene cement to the insulation of skimmers from 720 and 721 type cables to prevent deterioration of the insulation from light and other causes.

1.02 This section is reissued to incorporate material from the addendum in its proper location. In this process marginal arrows have been omitted.

1.03 Cement shall be applied to untreated skimmers from these cables whenever they are disconnected for any reason or an inspection of the skimmers reveals the presence of cracks in the insulation. Skimmers which have been treated with the Neoprene cement should be treated again if inspection discloses cracks or holes in the coating or in the insulation.

2. TOOLS AND MATERIALS

- 2.01 R2191 - 3/16" Brush or
R1575 - 1/8" Brush
P-220366 - Dental Mirror
P-98063 - Cloth
Neoprene Cement - RM-641204 (see note)
KS-8372 - Trichloroethylene
Talc or Talcum Powder

Note: Neoprene cement will harden in the tube in one or two months irrespective of whether or not the tube is opened. Do not use the cement after the date indicated on the tube.

Caution: Keep cement tubes covered and away from fire since cement is inflammable.

3. PROCEDURES

3.01 The cement is ordinarily applied without removing the system from service.

Take precautions to avoid breaking wires. Remove only one cover at a time and do not unfasten the ground clamps on the butts of 720 type cables.

3.02 Use the R2191 brush to apply the cement. In very congested places where it is difficult to apply the cement properly without disconnecting wires the R1575 brush may be used.

3.03 Squeeze a quantity of cement from the tube directly to the bristles of the brush and apply the cement freely over the parts to be coated. A layer of cement approximately 1/16" thick is desirable since the cement shrinks in drying and if applied too thin spots having no cement coating may develop.

3.04 Inspect the wiring after the cement has been applied to be sure that all wires are thoroughly covered. The use of the P-220366 dental mirror will facilitate inspecting all surfaces of the wires.

3.05 The cement will remain sticky for some time after the application. If necessary to do further work on the skimmers allow an interval of approximately one hour after the cement has been applied then coat the wires with talc or talcum powder (preferably talc) to remove the tackiness and permit work to be done on the connections.

3.06 Clean the brushes, using trichloroethylene. Remove splashes of cement with D-98063 cloth which has been moistened in trichloroethylene. Take care to keep the trichloroethylene from contact with the hands. Dry cement will readily rub off of hands and smooth surfaces.