

TABLE 47.1 — concluded

INDEX TO INSULATION AND JACKET MATERIALS

Material	Applicable Table(s) or Paragraphs in This Standard
SBR/IIR/NR — see "Rubber"	
Silicone rubber	
Insulation from Type SA	Table 50.205
Class 22 insulation and insulation from power-limited circuit cable and power-limited fire-protective-signaling circuit cable	Table 50.210
TFE	
Class 12C PTFE insulation and PTFE insulation from Type TFE	Table 50.219
TPE	
Class 36 105°C insulation and jacket	Table 50.223
Class 36 insulation and jacket and insulation and jacket from power-limited circuit cable and power-limited fire-protective-signaling circuit cable	Table 50.224
XL	
90°C (194°F) jacket from Type USE cable	Table 50.228
75°C (167°F) jacket from Type USE cable	Table 50.229
Jacket from cable for deep-well submersible water pumps	Table 50.230
XL insulation from Type XHHW, SIS, RHH, RHW, and RH and power-limited circuit cable and power-limited fire-protective-signaling circuit cable	Table 50.231
XLPE insulations:	
Class 29	Table 50.237
Class 31	Table 50.241
Class 33	Table 50.245
XLPO insulation:	
Class 38	Table 50.232

Table 47.1 revised December 17, 1991

50. Specific Materials

Class 19 Impregnated Asbestos Insulation

50.1 Class 19 impregnated asbestos is asbestos saturated with a flame-, heat-, and moisture-resistant compound. It is acceptable where subjected to 150°C (302°F) and lower temperatures as insulation on Type AF fixture wire. The composition of the impregnating compound is not specified.

Paragraph 50.1 revised December 17, 1991

50.2 Class 19 impregnated-asbestos insulation shall consist of the best grade of long-fiber, chrysotile asbestos, commercially free from organic material and metallic oxides. The asbestos shall be well carded to keep lumps and irregularities from appearing in the finished conductor insulation, and shall not be loaded or weighted. It shall be applied as firm, compressed, felted fibers.

50.3 The insulation shall be thoroughly dried and then saturated with an electrically nonconductive and flame-, heat-, and moisture-resistant compound. The impregnating compound shall retain its initial qualities during the normal life of the wire or cord, and shall not develop any damaging chemical action within itself or with any component of the finished wire or cord.