

J-C-580B
AMENDMENT-3
June 11, 1985
SUPERSEDING
INT. AMENDMENT-2
October 2, 1984
AMENDMENT-1
June 27, 1975

FEDERAL SPECIFICATION

CORD, ELECTRICAL AND WIRE, ELECTRICAL
(0- TO 600- VOLT SERVICE)

This amendment, which forms a part of J-C-580B, dated October 15, 1974, is approved by the Assistant Administrator, Office of Federal Supply and Services, General Services Administration, for the use of all Federal Agencies.

Page 1.

Paragraph 1.2.1, line 2, delete "table I" and substitute "tables I and II".
Paragraph 1.2.2, line 4, delete "J-C-580B" and substitute "J-C-580".
Paragraph 1.2.3, delete "J-C-580B" and substitute "J-C-580".

Page 2.

Paragraph 1.2.9, delete "A - asbestos " and "AV - asbestos-varnished-cloth insulated";
add "E - thermoplastic elastomer".
Paragraph 1.2.10, delete "AB - asbestos covering";
add new designations:
"EJ - Thermoplastic elastomer jacket
CP - Chlorinated Polyethylene (CPE)
CF - Chlorosulfonated Polyethylene (CSPE)
NB - Nitrile-Butadiene/Polyvinyl Chloride (NBR/PVC)".

Page 3.

Paragraph 3.1.3, second line, delete "harard" and substitute "hazard".
Paragraph 3.2.2, second line, add after SPT-3 as follows: "SPE-1, SPE-2, SPE-3".

Page 6.

Table I, delete flexible cord types: "AFC, AFPO, AFPD, AFSJ, P-2, and PO".
add flexible cord types as follows:

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TYPE	AWG SIZE	NUMBER OF CONDUCTORS	AWG SIZE OF INDIVIDUAL STRANDS	VOLTAGE	TEMP. DEGREES CELSIUS
SPE-1	18	2 or 3	36-34	300	105
SPE-2	18-16	2 or 3	36-34	300	105
SPE-3	18-12	2 w/opt. Grd	36-30	300	105
SVEO	18-17	2 w/opt. Grd	36-34	300	105
SVE	18-17	2 w/opt. Grd	36-34	300	105
SJEO	18-10	2-5 w/opt. Grd	**	300	105
SEO	18-2	2 or more	"	600	105
SJE	18-10	2-5 w/opt. Grd	**	300	105
SE	18-2	2 or more	"	600	105
SRDE	10-4	2-4 w/opt. Grd	36-20	300	105

Type HPN may be substituted for types AFC, AFPO, AFPD, and AFSJ for applications below 90 degrees C.

Types SJ, SJO, SJT, SJTO, delete "18-14" and substitute "18-10".

** delete "16-14" and substitute "16-10".

For types SP-1, SPE-1, SP-2, SPE-2, SPT-1, SPT-2, SP-3, SPE-3, and SPT-3, a grounding conductor is permitted.

MILITARY INTEREST

CUSTODIANS:

ARMY - CR

CIVIL AGENCY COORDINATING ACTIVITIES:

GSA - PCD
DC GOVT - DCG
DOT - ACO

PREPARING ACTIVITY:

GSA - FSS