



- **Complies to HL2 according to the railway standard DIN EN 45545-2**
- **VW-1, Mil-202 Approved**
- **Cut and Abrasion Resistant**
- **Expands for Ease of Installation**
- **Halogen Free**
- **Temperature Range -94°F to 257°F**
- **Melt Temp. 482°F**

Clean Cut® FR, Scissor Cut For Field Installation, Will Not Support Combustion

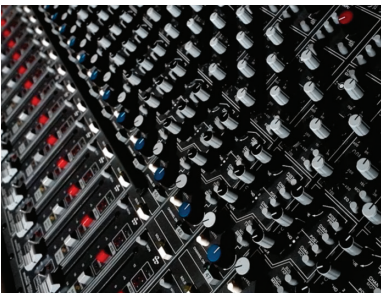
CLEAN CUT® FLAME RETARDANT (CCF) has all of the same qualities that make our standard CC so easy to cut and install, with the added advantage of a flame inhibitor to provide an extra level of safety in certain applications.

Under normal conditions, Clean Cut® FR will quickly self-extinguish and minimize flame spread and incidental damage to surrounding components.

The combination of flame retardance, ease of installation, and nearly complete coverage makes Clean Cut® FR an ideal solution for many industrial and advanced engineering applications.



Clean Cut® FR is a common harness material for both military and civilian aircraft.



Pro AV installers can incorporate CCF into cabling designs for concert, studio, and nightclub installations.



Nominal Size	Part #	Expansion Range		Standard Spool Put-Ups		Available Colors	Lbs/100'
		Min.	Max.	Bulk Spool	Shop Spool		
1/8"	CCF0.13	1/8"	1/4"	1,000'	100'	TW & TB	0.40
1/4"	CCF0.25	5/32"	7/16"	1,000'	100'	TW & TB	0.46
3/8"	CCF0.38	3/16"	5/8"	500'	100'	TW & TB	0.74
1/2"	CCF0.50	1/4"	3/4"	500'	100'	TW & TB	0.82
3/4"	CCF0.75	5/8"	1"	250'	75'	TW & TB	1.11
1"	CCF1.00	3/4"	1 3/16"	250'	50'	TW & TB	1.24
1 1/4"	CCF1.25	1"	1 1/2"	250'	50'	TW & TB	1.56
1 1/2"	CCF1.50	1 1/4"	2"	250'	50'	TW & TB	1.85
1 3/4"	CCF1.75TB	1 1/2"	2 1/8"	200'	50'	TB	2.30
2"	CCF2.00TB	1 3/4"	2 1/2"	200'	50'	TB	2.80