



Introducing
Raychem D-200
MiniSeal Crimp Splices

Raychem D-200 MiniSeal Crimp Splices

KEY FEATURES

Immersion-resistant crimp splices while meeting all requirements of SAE-AS81824/1 (modified for 200°C applications)

Small size, lightweight

Transparent heat-shrinkable insulation sleeve provides environmental protection and strain relief

Splices provide sealing to unetched wire insulations

No need to stagger wire splices

RoHS Compliant



DESCRIPTION

In-line nickel plated sealed crimp splices for 200°C applications

Developed for growing needs of high temperature applications in the aerospace and defense industry

Provides the smallest, lightest, and the most environmental-resistant splices available, while meeting all requirements of SAE-AS81824/1 (modified for 200°C applications)

APPLICATIONS

Ideal for aerospace and defense applications where performance, reliability or size reduction is essential

Designed to provide an immersion resistant in-line splice on 1:1 wires for the following:

- Wire range from 26 AWG to 12 AWG
- Nickel-plated conductors
- Insulation rated for at least 135°C

Protects and seals RCW and BMS13-60 Nickel-plated wires

STANDARDS AND SPECS

Specification Control Document D-200-82/-83/-84

Met or exceeded the following requirements successfully:

- SAE-AMS-DTL-23053/13 (applies only to insulation sleeve)
- SAE-AS81824/1 (modified for 200°C applications)
- Under qualification for EN 3373-014

Test report for performance data available upon request

- Physical properties
- Chemical properties
- Electrical properties

SUPPORT MATERIALS

Installation procedure, RCPS-200-20

Standard AD-1377 crimp tool used for installation

Customer drawings (CD) for all part numbers

Samples available

Raychem D-200 Mini-Seal Crimp Splices

ORDERING INFORMATION

Description	Part Number
D-200-82	D17660-000
D-200-83	A36675-000
D-200-84	C60253-000

MATERIALS

Insulation Sleeve: Heat-shrinkable, transparent blue, radiation cross-linked modified fluoropolymer

Melttable Rings: Environment resistant modified thermoplastic fluoro-elastomer.
Color: Light Blue

Crimp Splicer: Base Metal: Copper Alloy 101 or 102 per ASTM B75
Plating: Nickel per SAE AMS-QQ-N-290
Color Code: see table on below

PRODUCT DIMENSIONS

Product Name	Product Rev.	I.D.* a. min b. max	Crimp Splicer					Color Code
			øA	øB	C	D	E max.	
D-200-82	A	2.16 (0.085)	1.27 (0.050)	2.03 (0.080)	12.95 (0.510)	6.22 (0.245)	0.38 (0.015)	Red
		0.64 (0.025)	1.14 (0.045)	1.91 (0.075)	12.45 (0.490)	5.72 (0.225)		
D-200-83	A	2.79 (0.110)	1.75 (0.069)	2.70 (0.106)	14.86 (0.585)	7.11 (0.280)	0.51 (0.020)	Blue
		0.64 (0.025)	1.63 (0.064)	2.57 (0.101)	14.35 (0.565)	6.60 (0.260)		
D-200-84	A	4.32 (0.170)	2.60 (0.102)	3.89 (0.153)	14.86 (0.585)	7.11 (0.280)	1.27 (0.050)	Yellow
		0.64 (0.025)	2.46 (0.097)	3.73 (0.147)	14.35 (0.565)	6.60 (0.260)		

*I.D.: a- As received; b- After unrestricted recovery thru melttable insert.

Product Name	MIL Spec Equivalent Size	Wire Range	Wgt. Lbs/Mpc max.
D-200-82	M81824/1-1	26-20	1.02
D-200-83	M81824/1-2	20-16	1.61
D-200-84	M81824/1-3	16-12	2.72

FOR MORE INFORMATION

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5-1773450-3 5M A&D/CGX 03/08
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