

**General Attributes**

**Status: Released**

Specific ation number MIL-C-85049/68  
Specific ation revision level NONE  
CSR number 5503D  
CSR revision level A  
Owner NAVY  
CSR document part indicator CSR document

**CSR Document Text**

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Labeling / Marking:

"M85049/68-XXXXX, Rev None"  
in comment field

Ref.: MIL-C-85049/68 rev None  
MIL-I-81765/1A Type I for Material A (M = A)  
MIL-I-81765/1A Type II for Material B (M = B)  
MIL-I-81765/4A for material C (M = C)

Raychem references: SCD 202D1xx-M-60 revision B (4/28/94)  
SCD 202D921-X-60 thru 202D963-X-60 rev A (3/21/85)  
SCD 222D9XX-X-60 rev ...  
RT-301 Issue 12 for -3 material (Material A, 3/2/99)  
RT-1304 Issue 3 for -4 material (Material B, 4/17/95)  
RT-1312 Issue 3 for -12 material (Material C, 11/5/96)

Difference to MIL-I-81765/4A vs. RT-1312 Issue 3  
Property Milspec Requirement Raychem Requirement  
Heat Aging followed  
by Tensile Strength 1600 psi minimum 1200 psi minimum  
\*\*\*Cleared by qualification test 10/01\*\*\*\*

Exceptions to M85049/68-1B05C vs. SCD REV B (202D253-3-61/42-0)  
Dimension Milspec Requirement Raychem Requirement  
P 7.00 +/- 0.25 inches 7.00 +/- 10 % inches (P)  
T 0.065 +/- 0.004 inch 0.065 inch reference (T)

Exceptions to M85049/68-1B07C vs. SCD REV B (202D274-3-61/42-0)  
Dimension Milspec Requirement Raychem Requirement  
T 0.065 +/- 0.004 inch 0.065 inch reference (T)

Exception to M85049/68-1B11U vs. SCD REV B (202D121-3-60-0)  
Dimension Milspec Requirement Raychem Requirement  
T 0.040 +/- 0.004 inch 0.04 inch reference (T)

Exception to M85049/68-1A11C vs. SCD REV B (202D121-4-60/42-0)  
Dimension Milspec Requirement Raychem Requirement  
T 0.040 +/- 0.004 inch 0.04 inch reference (T)

Exception to M85049/68-1B12U vs. SCD REV B (202D132-3-60-0)

Dimension	Milspec Requirement	Raychem Requirement
T	0.040 +/- 0.004 inch	0.04 inch reference (T)

Exception to M85049/68-1A12C vs. SCD REV B (202D132-4-60/42-0)

Dimension	Milspec Requirement	Raychem Requirement
T	0.040 +/- 0.004 inch	0.04 inch reference (T)

Exceptions to M85049/68-1A13U vs. SCD REV B (202D142-4-60-0)

Dimension	Milspec Requirement	Raychem Requirement
R	1.39 +/- 0.10 inch	1.39 inch reference (R)
T	0.040 +/- 0.004 inch	0.04 inch reference (T)

Exceptions to M85059/68-1B14U vs. SCD REV B (202D153-3-60-0)

Dimension	Milspec Requirement	Raychem Requirement
"P"	3.15 +/- 0.25 inches	3.15 +/- 10 %
"R"	1.63 +/- 0.10 inches	1.63 reference

Exceptions to M85049/68-1C15U vs. SCD 202D163-12-60-0

Dimension	Milspec Requirement	Raychem Requirement
P	4.08 +/- 0.25 inches	4.08 +/- 10 % inches (P)
R	2.22 +/- 0.10 inches	2.22 inches reference (R)
T	0.065 +/- 0.004 inch	0.065 inch reference (T)

Exceptions to M85049/68-1B15U vs. SCD 202D163-3-60-0

Dimension	Milspec Requirement	Raychem Requirement
"P"	4.08 +/- 0.25 inches	4.08 +/-10 % inches (P)
"R"	2.22 +/- 0.10 inches	2.22 inches reference (R)
"T"	.065 +/- 0.004 inches	.065 reference

\*\*\*\*Waivers\*\*\*\*

For -1A11C and -1A12C from CCI 9/5/01

M85049/68-1A17C crosses to 202D185-4-60/42-0-CS5503 no pcn yet

M85049/68-1A01C crosses to 202D221-4-61/42-0-CS5503 no pcn yet

M85049/68-1A03C crosses to 202D232-4-61/42-0-CS5503 no pcn yet

M85049/68-2B13U crosses to 222D142-3-60-0-CS5503 no pcn yet

## Manufacturing Attributes