



#D210 DAFLEX Silicone Resin Coated Fiberglass Sleeving MIL-I-3190/5

Description: Daburn Silicone Resin Coated Fiberglass Sleeving is a fiberglass braid with a silicone composite coating. It is used in nuclear motors, electric motors, equipment leads, relay leads and heating cable where flexibility, high dielectric protection and heat endurance are required and temperatures up to 200°C are encountered. Its good abrasion and radiation resistance also find wide use in aerospace and atomic energy applications.

- Superior moisture, water vapor, and heat resistance
- Improved flexibility designed to conform to sharp bends
- Good low temperature properties
- Good abrasion and radiation resistance
- Good oil and solvent resistance
- Good sunlight and weathering properties
- Operating. Temperature: -56°C to +200°C
- Conforms to MIL-I-3190/5 latest revision (Grade A)
- Meets requirements of NEMA TF-1 Type 4 and ASTM-D372
- VW-1 – Grade A sizes 3/8” to 1” ID
- Class 200

Two different grades of sleeving are offered identified by minimum average dielectric breakdown voltage:
NEMA Grade A – 8,000 volts min. average, 6,000 volts min. individual
NEMA Grade C-1 – 2,500 volt min. average. 1,500 volts min. individual

This series is RoHS compliant.

Daburn Item No.		Size	Inside Diameter (I.D.)			Minimum Wall Thickness		MIL-I-3190 Size
Grade A	Grade C-1		Min.	Nom.	Max.	Grade A	Grade C-1	
D210A-24	D210C-24	24	0.020	0.022	0.027	.011	.006	01
D210A-22	D210C-22	22	0.025	0.027	0.032	.013	.006	02
D210A-20	D210C-20	20	0.032	0.034	0.039	.013	.006	03
D210A-19	D210C-19	19	0.036	0.038	0.044	.013	.006	
D210A-18	D210C-18	18	0.040	0.042	0.049	.015	.006	04
D210A-17	D210C-17	17	0.045	0.047	0.055	.015	.006	05
D210A-16	D210C-16	16	0.051	0.053	0.061	.015	.006	06
D210A-15	D210C-15	15	0.057	0.059	0.066	.015	.006	07
D210A-14	D210C-14	14	0.064	0.066	0.072	.015	.006	08
D210A-13	D210C-13	13	0.072	0.076	0.080	.015	.006	09



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D210A-12	D210C-12	12	0.081	0.085	0.089	.015	.006	10
D210A-11	D210C-11	11	0.091	0.095	0.101	.018	.008	11
D210A-10	D210C-10	10	0.102	0.106	0.112	.018	.008	12
D210A-9	D210C-9	9	0.114	0.118	0.124	.018	.008	13
D210A-8	D210C-8	8	0.129	0.133	0.141	.018	.008	14
D210A-7	D210C-7	7	0.144	0.148	0.158	.018	.008	15
D210A-6	D210C-6	6	0.162	0.166	0.178	.020	.010	16
D210A-5	D210C-5	5	0.182	0.186	0.198	.020	.010	17
D210A-4	D210C-4	4	0.204	0.208	0.224	.020	.010	18
D210A-3	D210C-3	3	0.229	0.234	0.249	.020	.010	19
D210A-2	D210C-2	2	0.258	0.263	0.278	.020	.010	20
D210A-1	D210C-1	1	0.289	0.294	0.311	.020	.010	21
D210A-5/16	D210C-5/16	5/16"	0.313	0.313	0.334	.020	.010	
D210A-0	D210C-0	0	0.325	0.330	0.347	.025	.016	22
D210A-3/8	D210C-3/8	3/8"	0.375	0.375	0.399	.025	.016	23
D210A-7/16	D210C-7/16	7/16"	0.438	0.438	0.462	.025	.016	24
D210A-1/2	D210C-1/2	1/2"	0.500	0.500	0.524	.025	.016	25
D210A-5/8	D210C-5/8	5/8"	0.625	0.625	0.655	.025	.016	26
D210A-3/4	D210C-3/4	3/4"	0.750	0.750	0.786	.025	.016	27
D210A-7/8	D210C-7/8	7/8"	0.875	0.875	0.911	.025	.016	28
D210A-1"	D210C-1"	1"	1.000	1.000	1.036	.025	.016	29

Standard Color: Natural (Light Brown). Call for pricing & availability of other colors.

Standard Put-Ups: 500 feet, 250 feet, 100 feet. Put-ups of 50 feet & 25 feet, or less, may be available depending on size requested and/or stock levels. Please call to inquire.

Please call for sizes greater than 1".