



# jaguar industries inc

• WIRE • CABLE • TUBING

380 ROUTE 210, P.O. BOX 444 STONY POINT, N.Y. 10980  
OUTSIDE NEW YORK STATE CALL TOLL FREE 1-800-443-6528

845-947-1800  
FAX 845-947-1712

## POLYALKENE – PVF INSULATED WIRE – MIL-W-81044

**SPECIFICATIONS:** MIL-W-81044/9, MIL-W-81044/10, MIL-W-81044/11, MIL-W-81044/12, & MIL-W-81044/13.

**DESCRIPTION:** HIGH TEMPERATURE DUAL WALL INSULATED HOOK-UP WIRES, OFFERING LOW WEIGHT AND RESISTANCE TO CHEMICALS, ABRASION, AND SHRINK BACK. THEY ARE PRIMARILY USED FOR MILITARY AND AIRFRAME APPLICATIONS AND COMPONENT CONDUCTORS FOR MIL-C-27500 CABLES.

**INSULATION:** CROSS-LINKED POLYALKENE WITH A CROSS-LINKED POLYVINYLIDENE FLUORIDE (PVF) JACKET, .002" - .006" WALL DEPENDING ON SPECIFICATION†.

**TEMPERATURE RATING:** -65°C TO 150°C.

**VOLTAGE RATING:** 600 VOLTS R.M.S.

**CONDUCTOR:** MIL-W-81044/9 – TINNED COPPER.  
MIL-W-81044/10 – SILVER PLATED HIGH STRENGTH COPPER ALLOY.  
MIL-W-81044/11 – SILVER PLATED COPPER.  
MIL-W-81044/12 – TINNED COPPER.  
MIL-W-81044/13 – SILVER PLATED HIGH STRENGTH COPPER ALLOY.

**STANDARD SPOOL PUT-UP:** 1000 FT.

**ORDERING INFORMATION:** SPECIFY JAGUAR CATALOG NO. AND COLOR CODE.

AWG SIZE	STRAND	JAGUAR CAT. # 81044/9	MAX O.D. (in.)	JAGUAR CAT.# 81044/10	MAX O.D. (in.)	JAGUAR CAT. # 81044/11	MAX O.D. (in.)	JAGUAR CAT. # 81044/12	MAX O.D. (in.)	JAGUAR CAT. # 81044/13	MAX O.D. (in.)
30	7X38					J11PK-30	.029	J12PK-30	.029	J13PK-30	.029
28	7X36					J11PK-28	.032	J12PK-28	.032	J13PK-28	.032
26	19X38			J10PK-26	.050	J11PK-26	.036	J12PK-26	.036	J13PK-26	.036
24	19X36	J9PK-24	.056	J10PK-24	.056	J11PK-24	.042	J12PK-24	.042	J13PK-24	.042
22	19X34	J9PK-22	.065	J10PK-22	.065	J11PK-22	.049	J12PK-22	.049	J13PK-22	.049
20	19X32	J9PK-20	.073	J10PK-20	.073	J11PK-20	.057	J12PK-20	.057	J13PK-20	.057
18	19X30	J9PK-18	.083			J11PK-18	.067	J12PK-18	.067		
16	19X29	J9PK-16	.093			J11PK-16	.075	J12PK-16	.075		
14	19X27	J9PK-14	.112			J11PK-14	.093	J12PK-14	.093		
12	37X28	J9PK-12	.130			J11PK-12	.112	J12PK-12	.112		
10	37X26	J9PK-10	.160								
8	133X29	J9PK-8	.220								
6	133X27	J9PK-6	.271								
4	133X25	J9PK-4	.328								
2	665X30	J9PK-2	.412								
0	1045X30	J9PK-0	.506								

† MIL-W-81044/9 AWG SIZES 2 & 0 HAVE .008" - .012" JACKET WALLS.