



Military Specification Product Selection Guide

Specification	Main Insulation Material	Voltage Rating	Conductor Type	Temp Rating °C	AWG Sizes	MIL-DTL27500 Symbol	MIL Composite Equivalent
▼ Military Hook-up Wire							
MIL-W-22759/5	.0255-.036 Extruded PTFE Mineral Filled	600	SPC	200	24-10	VA	
MIL-W-22759/6	.0255-.036 Extruded PTFE Mineral Filled	600	NPC	260	24-10	WA	
MIL-W-22759/7	.019-.025 Extruded PTFE Mineral Filled	600	SPC	200	24-10	SA	
MIL-W-22759/8	.019-.025 Extruded PTFE Mineral Filled	600	NPC	260	24-10	TA	
MIL-W-22759/9	.015 Extruded PTFE	1000	SPC	200	28-8	LE	
MIL-W-22759/10	.015 Extruded PTFE	1000	NPC	260	28-8	LH	
MIL-W-22759/11	.010 Extruded PTFE	600	SPC	200	28-8	RC	/86
MIL-W-22759/12	.010 Extruded PTFE	600	NPC	260	28-8	RE	/84
MIL-W-22759/13	.011 Extruded FEP	600	TPC	135	24-10	CA	/88
MIL-W-22759/14	.008 Extruded FEP	600	TPC	135	26-12	CB	/88
MIL-W-22759/15	.008 Extruded FEP	600	SP alloy	135	26-20	CC	/89
MIL-W-22759/16	.010 Extruded ETFE	600	TPC	150	24-02	TE	/88
MIL-W-22759/17	.010 Extruded ETFE	600	SP alloy	150	26-20	TF	/89
MIL-W-22759/18	.006 Extruded ETFE	600	TPC	150	26-10	TG	/80
MIL-W-22759/19	.006 Extruded ETFE	600	SP alloy	150	26-20	TH	/81
MIL-W-22759/20	.015 Extruded PTFE	1000	SP alloy	200	28-20	TK	
MIL-W-22759/21	.015 Extruded PTFE	1000	NP alloy	260	28-20	TL	
MIL-W-22759/22	.010 Extruded PTFE	600	SP alloy	200	28-20	TM	/89
MIL-W-22759/23	.010 Extruded PTFE	600	NP alloy	260	28-20	TN	/90
MIL-W-22759/28	.010 Extruded PTFE	600	SPC	260	28-10	JB	/86
MIL-W-22759/29	.010 Extruded PTFE	600	NPC	260	28-10	JC	/87
MIL-W-22759/30	.010 Extruded PTFE	600	SP alloy	200	28-20	JD	/89
MIL-W-22759/31	.010 Extruded PTFE	600	NP alloy	260	28-20	JE	/90
MIL-DTL-81381/7	.0058 Polyimide tape	600	SPC	200	26-10	MR	/91
MIL-DTL-81381/8	.0058 Polyimide tape	600	NPC	200	26-10	MS	/92
MIL-DTL-81381/9	.0058 Polyimide tape	600	SP alloy	200	26-20	MT	/81
MIL-DTL-81381/10	.0058 Polyimide tape	600	NP alloy	200	26-20	MV	/82
MIL-DTL-81381/11	.0084 Polyimide tape	600	SPC	200	24-10	MW	/86
MIL-DTL-81381/12	.0084 Polyimide tape	600	NPC	200	24-10	MY	/87
MIL-DTL-81381/13	.0084 Polyimide tape	600	SP alloy	200	26-20	NA	/89



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▼ Military Hook-up Wire							
MIL-W-16878/4	.010 in. Extruded PTFE	600	SPC	200	32-10		
MIL-W-16878/5	.015 in. Extruded PTFE	1000	SPC	200	32-10		
MIL-W-16878/6	.006 in. Extruded PTFE	250	SPC	200	32-20		
MIL-W-16878/11	.010 in. Extruded FEP	600	SPC	200	32-10		
MIL-W-16878/12	.015 in. Extruded FEP	1000	SPC	200	32-10		
MIL-W-16878/13	.006 in. Extruded FEP	250	SPC	200	32-20		
▼ Crosslinked ETFE							
MIL-W-22759/32	.006 XL-ETFE Single layer	600	TPC	150	30-12	SB	/80
MIL-W-22759/33	.006 XL-ETFE Single layer	600	SP alloy	200	30-20	SC	/81
MIL-W-22759/34	.010 XL-ETFE Dual layer	600	TPC	150	24-00	SD	/88
MIL-W-22759/35	.010 XL-ETFE Dual layer	600	SP alloy	200	26-20	SE	/89
MIL-W-22759/41	.010 XL-ETFE Dual layer	600	NPC	200	26-00	SM	/87
MIL-W-22759/42	.010 XL-ETFE Dual layer	600	NP alloy	200	26-20	SN	/90
MIL-W-22759/43	.010 XL-ETFE Dual layer	600	SPC	200	26-00	SP	/86
MIL-W-22759/44	.006 XL-ETFE Single layer	600	SPC	200	28-12	SR	/91
MIL-W-22759/45	.006 XL-ETFE Single layer	600	NPC	200	28-12	SS	/92
MIL-W-22759/46	.006 XL-ETFE Single layer	600	NP alloy	200	28-20	ST	/82
▼ Aerospace MIL-Composite Wire							
MIL-DTL-22759/80	Light Weight Composite	600	TPC	150	26-10	WB	
MIL-DTL-22759/81	Light Weight Composite	600	SP alloy	200	26-20	WC	
MIL-DTL-22759/82	Light Weight Composite	600	NP alloy	260	26-20	WE	
MIL-DTL-22759/83	Normal Weight Composite	600	SPC	200	02-0000	WF	
MIL-DTL-22759/84	Normal Weight Composite	600	NPC	260	02-0000	WG	
MIL-DTL-22759/85	Normal Weight Composite	600	TPC	150	02-0000	WH	
MIL-DTL-22759/86	Normal Weight Composite	600	SPC	200	26-0000	WJ	
MIL-DTL-22759/87	Normal Weight Composite	600	NPC	260	26-0000	WK	
MIL-DTL-22759/88	Normal Weight Composite	600	TPC	150	26-0000	WL	
MIL-DTL-22759/89	Normal Weight Composite	600	SP alloy	200	26-20	WM	
MIL-DTL-22759/90	Normal Weight Composite	600	NP alloy	260	26-20	WN	
MIL-DTL-22759/91	Light Weight Composite	600	SPC	200	26-10	WP	