

# SAE-AS22759 Extruded PTFE

*Replaces MIL-W-22759/9, /10, /11, /12*

## Construction

Stranded silver or nickel plated copper  
Extruded Polytetrafluoroethylene (PTFE)

## Ratings/Approvals

Printed in accordance with SAE-AS22759

	AS22759/9		AS22759/10		AS22759/11		AS22759/12	
Voltage Rating	1000		1000		600		600	
Temperature (° C)	200°C		260°C		200°C		260°C	
Conductor Type	SPC		NPC		SPC		NPC	
AWG/Stranding	Mils/OD	lbs/mft	Mils/OD	lbs/mft	Mils/OD	lbs/mft	Mils/OD	lbs/mft
28 7/36	14/.043"	2	14/.043"	2	9/.033"	2	9/.033"	2
26 19/38	15/.048"	3	14/.048"	3	10/.038"	2	10/.038"	2
24 19/36	15/.053"	4	14/.053"	4	10/.043"	3	10/.043"	3
22 19/34	15/.060"	5	15/.060"	5	9/.049"	4	9/.049"	4
20 19/32	15/.068"	7	15/.068"	7	10/.058"	6	10/.058"	6
18 19/30	15/.078"	9	15/.078"	9	10/.068"	8	10/.068"	8
16 19/29	15/.085"	11	15/.085"	10	10/.075"	10	10/.075"	10
14 19/27	16/.100"	17	16/.100"	17	11/.090"	15	11/.090"	15
12 19/25	17/.120"	24	17/.120"	24	13/.111"	23	13/.111"	23
10 37/26	-	-	-	-	15/.139"	35	15/.139"	35
8 133/29	-	-	-	-	19/.204"	66	19/.204"	66

	DC Resistance Ohms/mft	
AWG/Stranding		
Conductor Type	SPC	NPC
28 7/36	63.8	67.9
26 19/38	38.4	42.2
24 19/36	24.3	25.9
22 19/34	15.1	16.0
20 19/32	9.2	9.8
18 19/30	5.8	6.1
16 19/29	4.5	4.8
14 19/27	2.9	3.0
12 19/25	1.8	1.9
10 37/26	1.2	1.2
8 133/29	0.7	0.7

Additional constructions available - check with the factory for details  
All figures referenced are nominal

# SAE-AS22759 Extruded PTFE

*Replaces MIL-W-22759/20, /21, /22, /23*

## Construction

Stranded silver or nickel high strength alloy  
Extruded Polytetrafluoroethylene (PTFE)

## Ratings/Approvals

Printed in accordance with SAE-AS22759

	AS22759/20	AS22759/21	AS22759/22	AS22759/23
Voltage Rating	1000	1000	600	600
Temperature (° C)	200°C	260°C	200°C	260°C
Conductor Type	SPA	NPA	SPA	NPA
AWG/Stranding	Mils/OD lbs/mft	Mils/OD lbs/mft	Mils/OD lbs/mft	Mils/OD lbs/mft
28 7/36	15/.043" 4	15/.043" 4	10/.033" 3	10/.033" 3
26 19/38	15/.048" 4	15/.048" 4	10/.038" 3	10/.038" 3
24 19/36	15/.053" 4	15/.053" 4	10/.043" 3	10/.043" 3
22 19/34	15/.060" 5	15/.060" 5	10/.049" 4	10/.049" 4
20 19/32	15/.068" 6	15/.068" 6	10/.058" 6	10/.058" 6

	DC Resistance Ohms/mft	
AWG/Stranding		
Conductor Type	SPC	NPC
28 7/36	63.8	67.9
26 19/38	38.4	42.2
24 19/36	24.3	25.9
22 19/34	15.1	16.0
20 19/32	9.2	9.8

Additional constructions available - check with the factory for details  
All figures referenced are nominal