

Materials

Cable: Steel
Ground Plug:
Stainless steel



190WM-8001

Ordering Specifications

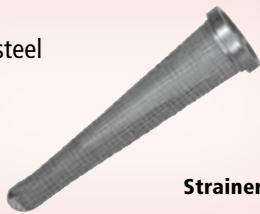
Product #	Length		Used On
	ft.	m	
190WM-8001	6'	1.83	295SA
190WF-8002	6'	1.83	295AF

Manual Nozzle Accessories OPW 190 Ground Wire

The OPW 190 ground wire assembly is designed for use on 295 series aircraft nozzles. The OPW 190WM is designed for use with the 295SA and includes a cable, attaching eyelet, ground plug and clamp. The OPW 190WF is for use with the 295AF aircraft nozzle and includes a cable, eyelet, ground plug and dust cap.

Materials

Screen:
Stainless steel



Strainer

Ordering Specifications

Product #	Size		Used On
	in.	mm	
153-0910	1 1/2"	38	190G, 295SA
153J-0100	1 1/2"	38	295SAJ
190S-7063	1"	25	295SA Series w/ 1" Spout
153AF-0100	1 1/2"	38	295AF

OPW Strainers

OPW strainers prevent foreign matter from entering fuel tanks. They are held in position by a tube and have a 100-mesh screen.

Materials

Body: Anodized
Aluminum

Spring: Bronze

Stem: Bronze

Disc: Buna-N



296CA

Body: Rubber

Spring: Bronze

Stem: Bronze

Disc: Buna-N



296CJ

Ordering Specifications

Product #	Size		Spout	Used On
	in.	mm		
296CA-4000	1 5/8"	41	296	190 1"
296CA-4005	1 5/8"	41	296	1 1/4", 1 1/2"
296CJ-0100	1 1/2"	38	696J only	295SAJ 1 1/2"
H10387	1"	26	297SA 1"	295SA
H10388	1 1/2"	38	297SA 1 1/2"	295SA

OPW 296 Protective Caps

OPW 296 Protective Caps are for use with OPW 296 and 297SA nozzle spouts. Each cap also comes with a chain and tension spring. The size ordered should be the same size as the spout O.D.

Spouts Ordering Specifications

Product #	Size		O.D.		Length		Weight		Used On	Description
	in.	mm	in.	mm	in.	mm	lbs.	kg		
296-0040	1 1/4 (NPT)	32	1 3/8	35	9	229	0.90	0.41	190-0113; 210-0104; 190-0112	Brass
296-0060	1 1/2 (NPT)	38	1 3/8	35	9	229	0.98	0.45	190-0114; 210-0105	Brass
296-0080	1 1/2 (NPT)	38	1 5/8	41	9	229	1.05	0.48	190-0114; 210-0105	Brass
297-9020	1 1/4 (NPT)	32	1 21/32	42	8	203	0.50	0.23	190-0113; 210-0104; 295SC-0139; 190-0112	Aluminum
297-9030	1 1/2 (NPT)	38	1 29/32	48	8	203	0.60	0.27	190-0114; 210-0105; 295SC-0141	Aluminum
297-9040	2 (NPT)	51	2 3/8	60	8	203	0.80	0.36	190-0115	Aluminum
297SA-9050	1 1/4 (NPSM)	32	1	25	9	229	0.60	0.27	295SA-0135, 0136, 0137 & 295SAC-0156	Aluminum
297SA-9060	1 1/2 (NPSM)	38	1 5/8	41	7	178	0.80	0.36	295SA-0138, 295SAC-0157, 295SAC-0158	Aluminum
696J-7010	1 1/2 (NPSM)	38	2 2/3	54	7 1/4	184	0.80	0.36	295SAJ-0200	Aluminum



OPW 296



OPW 297



OPW 297SA (9050)



OPW 297SA (9060)



OPW 696J