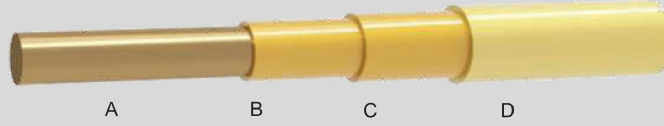


STW-F[®] Dupont[™]Tefzel[®] ETFE 1.3 mils/Layer

I Structure



A. Conductor

B. 1st Extruded Insulation :Dupont[™]Tefzel[®] ETFEC. 2nd Extruded Insulation : Dupont[™]Tefzel[®] ETFED. 3rd Extruded Insulation: Dupont[™]Tefzel[®] ETFE**Size Range:** 0.09mm - 1.00mm**Insulation:**1st Extruded Insulation: Dupont[™]Tefzel[®] ETFE 1.3mils2nd Extruded Insulation : Dupont[™]Tefzel[®] ETFE 1.3mils3rd Extruded Insulation: Dupont[™]Tefzel[®] ETFE 1.3mils**Rating:**

Temp Class: 155°C

Rated Volts: 1410Vpeak

Compliances:

UL OBJT2 File Number: E242198

UL OBUS2 File Number: E303298

System Approvals:UL1446

YCI-155

IEC 60950-1,Annex U,IEC 60601-1(ed.3)

RoHS Compliant

Conductor:

Solid Bare Copper

Tinned copper

Nickel plated copper

Magnet Wires (OBMW2)

Part No.	Dimensions					Break Down Voltage (V)	Maximum Conductor Resistance (Ω/km)	Weight (kg/km)
	Conductor (mm)		Insulation Thickness(mm)	Dimensions Overall				
	Diameter	Tolerance		Min. Overall Diameter	Max. Overall Diameter			
STW-F 0.09MM	0.09	±0.008	0.10	0.282	0.31	7000	3350	0.174
STW-F 0.10MM	0.10	±0.008	0.10	0.292	0.32	7000	2650	0.2
STW-F 0.11MM	0.11	±0.008	0.10	0.302	0.33	7000	2145	0.225
STW-F 0.12MM	0.12	±0.008	0.10	0.312	0.34	7000	1785	0.235
STW-F 0.13MM	0.13	±0.008	0.10	0.322	0.35	7000	1458	0.255
STW-F 0.14MM	0.14	±0.008	0.10	0.332	0.36	7000	1253	0.293
STW-F 0.16MM	0.16	±0.008	0.10	0.352	0.377	7000	908	0.342
STW-F 0.18MM	0.18	±0.008	0.10	0.372	0.397	7000	716	0.403
STW-F 0.20MM	0.20	±0.008	0.10	0.392	0.417	7000	607.6	0.468
STW-F 0.25MM	0.25	±0.008	0.10	0.442	0.467	7000	382.5	0.657
STW-F 0.26MM	0.26	±0.01	0.10	0.452	0.477	7000	358.4	0.699
STW-F 0.28MM	0.28	±0.01	0.10	0.472	0.497	7000	307.3	0.787
STW-F 0.30MM	0.30	±0.01	0.10	0.495	0.520	7000	262.9	0.881
STW-F 0.35MM	0.35	±0.01	0.10	0.545	0.570	7000	191.2	1.140
STW-F 0.37MM	0.37	±0.01	0.10	0.565	0.590	7000	170.6	1.253
STW-F 0.40MM	0.40	±0.01	0.10	0.600	0.625	7000	145.3	1.433
STW-F 0.45MM	0.45	±0.01	0.10	0.650	0.675	7000	114.2	1.762
STW-F 0.50MM	0.50	±0.01	0.10	0.700	0.725	7000	91.43	2.126
STW-F 0.55MM	0.55	±0.02	0.10	0.750	0.775	7000	78.15	2.524
STW-F 0.60MM	0.60	±0.02	0.10	0.800	0.825	7000	65.26	2.958
STW-F 0.65MM	0.65	±0.02	0.10	0.850	0.875	7000	55.31	3.426
STW-F 0.70MM	0.70	±0.02	0.10	0.895	0.925	7000	47.47	3.930
STW-F 0.75MM	0.75	±0.02	0.10	0.945	0.975	7000	41.19	4.468
STW-F 0.80MM	0.80	±0.02	0.10	0.980	1.0	7000	36.08	5.041
STW-F 0.85MM	0.85	±0.02	0.10	1.050	1.08	7000	31.87	5.649
STW-F 0.90MM	0.90	±0.02	0.10	1.100	1.13	7000	28.35	6.293
STW-F 0.95MM	0.95	±0.02	0.10	1.150	1.18	7000	25.38	6.971
STW-F 1.00MM	1.00	±0.03	0.10	1.170	1.20	7000	23.33	7.684