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44 Flux-Cored Wire

Kester 44 Rosin Flux is an activated rosin formula for use in flux-cored solder wire. 44 has virtually dominated the field of activated rosin core solders for well over four decades. An outstanding performance feature of this flux is the "instant-action" wetting behavior. The high mobility and fast-spreading action of this flux results in more reliable production line soldering. 44 is classified as ROM1 per J-STD-004.

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Alloy	Flux	Diameter (in)	Diameter (mm)	Core	Flux %	Lead Content	Halogen Content	Description	Part #	Type
Sn95Sb5	44	0.031	0.80	66	3.3%	Lead-Free	Contains Halogen	Sn95Sb5 3.3%/44 .031 1 LB SPL	2400010027	Rosin
Sn63Pb36.65Sb.35	44	0.020	0.50	66	3.3%	Leaded	Contains Halogen	Sn63Pb36.65Sb.35 3.3%/44 .020 1 LB SPL	2400630010	Rosin
Sn96.3Ag3.7	44	0.031	0.80	70	4.4%	Lead-Free	Contains Halogen	Sn96.3Ag3.7 #70/44 .031 1 LB SPL	2400960075	Rosin
Sn40Pb60	44	0.062	1.50	66	3.3%	Leaded	Contains Halogen	Sn40Pb60 3.3%/44 .062 1 LB SPL	2440600061	Rosin
Sn40Pb60	44	0.093	2.50	66	3.3%	Leaded	Contains Halogen	Sn40Pb60 3.3%/44 .093 1 LB SPL	2440600066	Rosin
Sn50Pb50	44	0.062	1.50	66	3.3%	Leaded	Contains Halogen	Sn50Pb50 3.3%/44 .062 1 LB SPL	2450500061	Rosin
Sn50Pb50	44	0.093	2.50	66	3.3%	Leaded	Contains Halogen	Sn50Pb50 3.3%/44 .093 1 LB SPL	2450500066	Rosin
Sn50Pb50	44	0.125	3.00	66	3.3%	Leaded	Contains Halogen	Sn50Pb50 3.3%/44 .125 1 LB SPL	2450500069	Rosin
Sn60Pb40	44	0.015	0.40	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .015 1 LB SPL	2460400007	Rosin
Sn60Pb40	44	0.020	0.50	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .020 1 LB SPL	2460400010	Rosin
Sn60Pb40	44	0.025	0.60	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .025 1 LB SPL	2460400018	Rosin
Sn60Pb40	44	0.031	0.80	58	2.2%	Leaded	Contains Halogen	Sn60Pb40 2.2%/44 .031 1 LB SPL	2460400026	Rosin

Alloy	Flux	Diameter (in)	Diameter (mm)	Core	Flux %	Lead Content	Halogen Content	Description	Part #	Type
Sn60Pb40	44	0.031	0.80	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .031 1 LB SPL	2460400027	Rosin
Sn60Pb40	44	0.040	1.00	58	2.2%	Leaded	Contains Halogen	Sn60Pb40 2.2%/44 .040 1 LB SPL	2460400038	Rosin
Sn60Pb40	44	0.040	1.00	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .040 1 LB SPL	2460400039	Rosin
Sn60Pb40	44	0.050	1.27	58	2.2%	Leaded	Contains Halogen	Sn60Pb40 2.2%/44 .050 1 LB SPL	2460400052	Rosin
Sn60Pb40	44	0.050	1.27	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .050 1 LB SPL	2460400053	Rosin
Sn60Pb40	44	0.062	1.50	58	2.2%	Leaded	Contains Halogen	Sn60Pb40 2.2%/44 .062 1 LB SPL	2460400060	Rosin
Sn60Pb40	44	0.062	1.50	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .062 1 LB SPL	2460400061	Rosin
Sn60Pb40	44	0.093	2.50	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .093 1 LB SPL	2460400066	Rosin
Sn60Pb40	44	0.125	3.00	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .125 1 LB SPL	2460400069	Rosin
Sn63Pb37	44	0.010	0.25	66	3.3%	Leaded	Contains Halogen	Sn63Pb37 3.3%/44 .010 1 LB SPL	2463370001	Rosin
Sn63Pb37	44	0.015	0.40	66	3.3%	Leaded	Contains Halogen	Sn63Pb37 3.3%/44 .015 1 LB SPL	2463370007	Rosin
Sn63Pb37	44	0.020	0.50	66	3.3%	Leaded	Contains Halogen	Sn63Pb37 3.3%/44 .020 1 LB SPL	2463370010	Rosin
Sn63Pb37	44	0.025	0.60	58	2.2%	Leaded	Contains Halogen	Sn63Pb37 2.2%/44 .025 1 LB SPL	2463370017	Rosin
Sn63Pb37	44	0.025	0.60	66	3.3%	Leaded	Contains Halogen	Sn63Pb37 3.3%/44 .025 1 LB SPL	2463370018	Rosin
Sn63Pb37	44	0.031	0.80	58	2.2%	Leaded	Contains Halogen	Sn63Pb37 2.2%/44 .031 1 LB SPL	2463370026	Rosin
Sn63Pb37	44	0.031	0.80	66	3.3%	Leaded	Contains Halogen	Sn63Pb37 3.3%/44 .031 1 LB SPL	2463370027	Rosin
Sn63Pb37	44	0.040	1.00	66	3.3%	Leaded	Contains Halogen	Sn63Pb37 3.3%/44 .040 1 LB SPL	2463370039	Rosin
Sn63Pb37	44	0.050	1.27	66	3.3%	Leaded	Contains Halogen	Sn63Pb37 3.3%/44 .050 1 LB SPL	2463370053	Rosin
Sn63Pb37	44	0.062	1.50	58	2.2%	Leaded	Contains Halogen	Sn63Pb37 2.2%/44 .062 1 LB SPL	2463370060	Rosin
Sn63Pb37	44	0.062	1.50	66	3.3%	Leaded	Contains Halogen	Sn63Pb37 3.3%/44 .062 1 LB SPL	2463370061	Rosin
Sn63Pb37	44	0.125	3.00	66	3.3%	Leaded	Contains Halogen	Sn63Pb37 3.3%/44 .125 1 LB SPL	2463370069	Rosin
Sn99.3Cu.7	44	0.062	1.50	66	3.3%	Lead-Free	Contains Halogen	Sn99.3Cu.7 3.3%/44 .062 1 LB SPL	2470120061	Rosin
Sn97Ag.20SB.80Cu2	44	0.031	0.80	66	3.3%	Lead-Free	Contains Halogen	Sn97Ag.20SB.80Cu2 3.3%/44 .031 1 LB SPL	2470310027	Rosin
Sn96.5Ag03.5	44	0.020	0.50	58	2.2%	Lead-Free	Contains Halogen	Sn96.5Ag03.5 2.2%/44 .020 1 LB SPL	2470400009	Rosin
Sn96.5Ag03.5	44	0.031	0.80	66	3.3%	Lead-Free	Contains Halogen	Sn96.5Ag03.5 3.3%/44 .031 1 LB SPL	2470400027	Rosin

Alloy	Flux	Diameter (in)	Diameter (mm)	Core	Flux %	Lead Content	Halogen Content	Description	Part #	Type
Sn96.5Ag03.5	44	0.062	1.50	66	3.3%	Lead-Free	Contains Halogen	Sn96.5Ag03.5 3.3%/44 .062 1 LB SPL	2470400061	Rosin
Sn96.3Ag3.7	44	0.015	0.40	66	3.3%	Lead-Free	Contains Halogen	Sn96.3Ag3.7 3.3%/44 .015 1 LB SPL	2470500007	Rosin
Sn96.3Ag3.7	44	0.031	0.80	66	3.3%	Lead-Free	Contains Halogen	Sn96.3Ag3.7 3.3%/44 .031 1 LB SPL	2470500027	Rosin
Sn96.3Ag3.7	44	0.062	1.50	66	3.3%	Lead-Free	Contains Halogen	Sn96.3Ag3.7 3.3%/44 .062 1 LB SPL	2470500061	Rosin
Sn96.3Ag3.7	44	0.093	2.50	66	3.3%	Lead-Free	Contains Halogen	Sn96.3Ag3.7 3.3%/44 .093 1 LB SPL	2470500066	Rosin
Sn96.5Ag03Cu.5	44	0.020	0.50	66	3.3%	Lead-Free	Contains Halogen	Sn96.5Ag03Cu.5 3.3%/44 .020 1 LB SPL	2470680010	Rosin
Sn96.5Ag3Cu0.5	44	0.040	1.00	66	3.3%	Lead-Free	Contains Halogen	Sn96.5Ag3Cu0.5 3.3%/44 .040 1 LB SPL	2470680039	Rosin
Sn95Ag05	44	0.031	0.80	50	1.1%	Lead-Free	Contains Halogen	Sn95Ag05 1.1%/44 .031 1 LB SPL	2470700025	Rosin
Sn95Ag05	44	0.031	0.80	66	3.3%	Lead-Free	Contains Halogen	Sn95Ag05 3.3%/44 .031 1 LB SPL	2470700027	Rosin
Sn95Ag05	44	0.062	2.50	58	2.2%	Lead-Free	Contains Halogen	Sn95Ag05 2.2%/44 .062 1 LB SPL	2470700060	Rosin
Sn95Ag05	44	0.062	1.50	66	3.3%	Lead-Free	Contains Halogen	Sn95Ag05 3.3%/44 .062 1 LB SPL	2470700061	Rosin
Sn95SB05	44	0.025	0.60	66	3.3%	Lead-Free	Contains Halogen	Sn95SB05 3.3%/44 .025 1 LB SPL	2470800018	Rosin
Sn95SB05	44	0.031	0.80	66	3.3%	Lead-Free	Contains Halogen	Sn95SB05 3.3%/44 .031 1 LB SPL	2470800027	Rosin
Sn95SB05	44	0.062	1.50	58	2.2%	Lead-Free	Contains Halogen	Sn95SB05 2.2%/44 .062 1 LB SPL	2470800060	Rosin
Sn95SB05	44	0.062	1.50	66	3.3%	Lead-Free	Contains Halogen	Sn95SB05 3.3%/44 .062 1 LB SPL	2470800061	Rosin
Sn62Pb36Ag02	44	0.020	0.50	66	3.3%	Leaded	Contains Halogen	Sn62Pb36Ag02 3.3%/44 .020 1 LB SPL	2471500010	Rosin
Sn62Pb36Ag02	44	0.025	0.60	66	3.3%	Leaded	Contains Halogen	Sn62Pb36Ag02 3.3%/44 .025 1 LB SPL	2471500018	Rosin
Sn62Pb36Ag02	44	0.031	0.80	66	3.3%	Leaded	Contains Halogen	Sn62Pb36Ag02 3.3%/44 .031 1 LB SPL	2471500027	Rosin
Sn5Pb93.5Ag1.5	44	0.031	0.80	58	2.2%	Leaded	Contains Halogen	Sn5Pb93.5Ag1.5 2.2%/44 .031 1 LB SPL	2473400026	Rosin
Sn05Pb93.5Ag01.5	44	0.062	1.50	58	2.2%	Leaded	Contains Halogen	Sn05Pb93.5Ag01.5 2.2%/44 .062 1 LB SPL	2473400060	Rosin
Sn96.5Ag03.5	44	0.062	1.50	66	3.3%	Lead-Free	Contains Halogen	Sn96.5Ag03.5 3.3%/44 .062 4 LB SPL	2570400061	Rosin
Sn95SB05	44	0.031	0.80	50	1.1%	Lead-Free	Contains Halogen	Sn95SB05 1.1%/44 .031 4 LB SPL	2570800025	Rosin
Sn95SB05	44	0.031	0.80	66	3.3%	Lead-Free	Contains Halogen	Sn95SB05 3.3%/44 .031 4 LB SPL	2570800027	Rosin
Sn95SB05	44	0.125	3.00	66	3.3%	Lead-Free	Contains Halogen	Sn95SB05 3.3%/44 .125 4 LB SPL	2570800069	Rosin
Sn40Pb60	44	0.093	2.50	66	3.3%	Leaded	Contains Halogen	Sn40Pb60 3.3%/44 .093 5 LB SPL	2640600066	Rosin
Sn50Pb50	44	0.062	1.50	66	3.3%	Leaded	Contains	Sn50Pb50 3.3%/44 .062	2650500061	Rosin

Alloy	Flux	Diameter (in)	Diameter (mm)	Core	Flux %	Lead Content	Halogen Content	Description	Part #	Type
							Halogen	5 LB SPL		
Sn60Pb40	44	0.050	1.27	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .050 5 LB SPL	2660400053	Rosin
Sn60Pb40	44	0.062	1.50	58	2.2%	Leaded	Contains Halogen	Sn60Pb40 2.2%/44 .062 5 LB SPL	2660400060	Rosin
Sn60Pb40	44	0.062	1.50	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .062 5 LB SPL	2660400061	Rosin
Sn60Pb40	44	0.125	3.00	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .125 5 LB SPL	2660400069	Rosin
Sn60Pb40	44	0.081	2.05	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .081 5 LB SPL	2660400103	Rosin
Sn63Pb37	44	0.040	1.00	58	2.2%	Leaded	Contains Halogen	Sn63Pb37 2.2%/44 .040 5 LB SPL	2663370038	Rosin
Sn99	44	0.093	2.50	50	1.1%	Lead-Free	Contains Halogen	Sn99 1.1%/44 .093 5 LB SPL	2670000104	Rosin
Sn62Pb36Ag02	44	0.062	1.50	58	2.2%	Leaded	Contains Halogen	Sn62Pb36Ag02 2.2%/44 .062 5 LB SPL	2671500060	Rosin
Sn96.5Ag03Cu.5	44	0.062	1.50	58	2.2%	Lead-Free	Contains Halogen	Sn96.5Ag03Cu.5 2.2%/44 .062 18 LB SPL	2770680060	Rosin
Sn60Pb40	44	0.062	1.50	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .062 20 LB SPL	2860400061	Rosin
Sn60Pb40	44	0.031	0.80	66	3.3%	Leaded	Contains Halogen	Sn60Pb40 3.3%/44 .031 500 GRAM SPL	9260400027	Rosin
Sn63Pb37	44	0.031	0.80	66	3.3%	Leaded	Contains Halogen	44 3.3% Sn63Pb37 0.8mm 1/2kg Spl	40500299	Rosin
Sn63Pb37	44	0.040	1.00	66	3.3%	Leaded	Contains Halogen	44 3.3% Sn63Pb37 1.0mm 1lb Spl	40500300	Rosin
Sn63Pb37	44	0.020	0.50	66	3.3%	Leaded	Contains Halogen	44 3.3% Sn63Pb37 0.5mm 1lb. Spl	40500320	Rosin
Sn60Pb40	44	0.025	0.60	58	2.2%	Leaded	Contains Halogen	44 2.2% Sn60Pb40 0.6mm 1/2kg Spl	40500332	Rosin
Sn60Pb40	44	0.040	1.00	58	2.2%	Leaded	Contains Halogen	44 2.2% Sn60Pb40 1.0mm 1/2kg Spl	40500334	Rosin
Sn95Ag5	44	0.031	0.80	66	3.3%	Lead-Free	Contains Halogen	44 3.3% Sn95Ag5 0.8mm 1lb Spl	40500714	Rosin
Sn63Pb37	44	0.020	0.50	66	3.3%	Leaded	Contains Halogen	44 3.3% Sn63Pb37 0.020 1lb Spl	40500766	Rosin
Sn63Pb37	44	0.020	0.50	66	3.3%	Leaded	Contains Halogen	44 3.3% Sn63Pb37 0.5mm 1lb Spl	40500789	Rosin
Sn63Pb37	44	0.015	0.40	66	3.3%	Leaded	Contains Halogen	44 3.3% Sn63Pb37 0.4mm 1/4kg Spl	40500975	Rosin
Sn50Pb50	44	0.062	1.50	66	3.3%	Leaded	Contains Halogen	44 3.3% Sn50Pb50 0.062" 1 lb Spl	40500986	Rosin
Sn60Pb40	44	0.040	1.00	58	2.2%	Leaded	Contains Halogen	Sn60Pb40 2.2%/44 .040 (1,00 mm) 1 LB SPL	40500334	Rosin
Sn63Pb37	44	0.020	0.50	66	3.3%	Leaded	Contains Halogen	SN63PB37/44 3.3% .020 (0.5mm) 1lb SPL	40500789	Rosin
Sn63Pb37	44	0.031	0.80	66	3.3%	Leaded	Contains Halogen	Sn63Pb37 3.3%/44 .031 (0,80 mm) 1 LB SPL	40500299	Rosin

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