

USA Specialized Checklist



Paper Fluorescence and Luminescent Ink Varieties

Seen under Long Wave Ultra Violet light

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Dear Friend Collector,

The USA Specialized Checklist of Paper Fluorescence and luminescent Ink varieties will give you the opportunity to make an in-depth study for your collection and gives you an orderly need-list.

I made this checklist for my own collection. I used the Scott Specialized Catalogue of United States Stamps & Covers, open (internet) sources and own research. This is the first draft and the list is absolutely not complete, may have some minor errors or mistakes and some issues need more research. I hope you will help me to share your knowledge to improve the checklist.

Happy Collecting,

Hans van Gils

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Paper Fluorescence and Luminescent Ink Varieties

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Introduction

The checklist only includes issues where identical stamps consist of two or more paper or ink variants.

The best way to distinguish the different luminescent paper and/or ink variations:

- Use an Long Wave Ultra Violet lamp;
- Soak used stamps off paper and let them dry;
- Place the stamps on black background;
- In a dark room;
- Compare more stamps under LWUV light at once;
- Sort the stamps according to brightness and/or luminescent ink.

The paper fluorescence for stamps up to 1992 are classified in seven grades of brightness (see page 4). For stamps after 1992 only three grades are used: Dead, Low-brite and Hi-brite.

As an exception to this, the Great Americans issue 1980-1999 are all indicated in seven degrees and listed separately. The paper types of the Transportation coils 1981-1995 are classified according to a combination of paper and gum type.

See for images of the paper types and ink varieties my presentations on www.usca.nl

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Paper Fluorescence

Paper fluorescence can be classified by their levels of fluorescence and what they look like under LWUV light. There are seven grades of luminescent brightness. The brightness can be produced by very fine thread like fibers embedded in the paper. These “luminescent fibers” glow brightly when exposed to LWUV light and the concentration of these fibers often determines the grade of luminescent. All types of paper have fibers, but not all are luminescent or too small for the naked eye to see. The first luminescent fibers can be found on the 5c Civil Centennial Gettysburg Issue 1963 (Scott 1180). All stamp with fluorescence variety from the period 1949-1963 do not have visible luminescent fibers.

		Brightness under LWUV	Luminescent fibers	Color
1	Dead Paper	No	Non	Dark purple, Purplish-gray, dark Brown, dark Gray or dark Blue-gray
2	Non-Fluorescent Paper (NF)	No	Very sparse and randomly distributed	Brown, Gray, lighter Blue-grey or Purple
3	Dull Fluorescent Paper (DF)	Dull bright appearance	Very sparse in density across the entire stamp	Grayish white, light Gray, light Violet
		Dull smooth light Yellowish up to Grayish	Non	Dull Yellow, Yellowish-ivory, Light Gray or light Purple-brown
4	Low Fluorescent Paper (LF)	Low bright uneven appearance	Low concentration, but responsible for the fluorescence	Dull Bluish-white up to Grayish-white.
		Bright smooth Yellowish	Non	Yellow, Yellow-brown
5	Medium Fluorescent Paper (MF)	Between low and high uneven appearance	Medium concentration bright fibers	Various shades of Gray or Brown
		Very bright smooth Yellowish	Non	Yellow
6	High Fluorescent Paper (HF)	High bright uneven appearance	High concentration very bright fibers	Various shades of Grayish-white or light Brown
7	Hi-brite Paper (HB)	Very bright white and smooth appearance	Non or presence not detectible	White

Note:

There are many types LWUV lamps, all produce a slightly different long wave light. The colors you see can be more or less Bluish, Violet or Greenish or than noted in this list.

See for images of paper types my presentation “Paper Fluorescence on US-stamps” on www.usca.nl

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Fluorescence US Stamps 1949-1992												
Scott	Stamp	Type	Gum	SWUV light	Under LWUV light							
				Tagging	Ink *)	Paper						
						Lum	Dead	NF	DF	LF	MF	HF
983	3c Puerto Rico Election	Sheet		Untagged			X		X			
1016	3c Red Cross	Sheet		Untagged			X			X		
1030	1c Washington	Sheet		Untagged			X			X		
1031	2c Washington	Sheet		Untagged			X			X		
1035c	3c Statue of Liberty (Dry print)	Sheet		Untagged			X		X			X
1036	4c Lincoln (Dry Print)	Sheet		Untagged	Lum ink			X	X			X
1036b	4c Lincoln	Booklet		Untagged	Lum ink			X		X		
1039	6c Theodore Roosevelt	Sheet		Untagged			X			X		
1040	7c Woodrow Wilson	Sheet		Untagged			X			X		
1042	8c Statue of Liberty	Sheet		Untagged			X			X		
1043	9c The Alamo	Sheet		Untagged			X			X		
1044	10c Independence Hall	Sheet		Untagged			X	X				X
1044A	11c Statue of Liberty	Sheet		Untagged				X		X		
1046	15c John Jay	Sheet		Untagged					X	X		X
1047	20c Monticello	Sheet		Untagged			X			X		
1048	25c Paul Revere	Coil		Untagged			X				X	
1053	\$5.00 Hamilton	Sheet		Untagged			X			X		
1058	4c Lincoln (Dry print)	Coil		Untagged								X
1058a	4c Lincoln (Wet print)	Coil		Untagged				X	X			
1059A	25c Paul Revere	Coil		Untagged				X	X			
1110	4c Simon Bolívar	Sheet		Untagged			X			X		
1112	4c Atlantic Cable	Sheet		Untagged			X			X		
1121	4c Noah Webster	Sheet		Untagged			X			X		
1124	4c Oregon Statehood	Sheet		Untagged			X			X		
1125	4c San Martin	Sheet		Untagged			X			X		
1126	8c San Martin	Sheet		Untagged			X			X		
1127	4c NATO	Sheet		Untagged			X				X	
1128	4c Atlantic Expedition	Sheet		Untagged			X			X		
1131	4c St. Lawrence	Sheet		Untagged			X				X	
1132	4c 49 Star Flag	Sheet		Untagged			X				X	
1136	4c Ernst Reuter	Sheet		Untagged			X			X		
1137	8c Ernst Reuter	Sheet		Untagged			X			X		
1139	4c Credo: Washington	Sheet		Untagged			X			X		
1141	4c Credo: Jefferson	Sheet		Untagged			X			X		
1142	4c Credo: Francis Scott Key	Sheet		Untagged			X			X		
1143	4c Credo: Lincoln	Sheet		Untagged			X			X		
1144	4c Credo: Patrick Henry	Sheet		Untagged			X			X		
1145	4c Boy Scouts of America	Sheet		Untagged			X			X		
1152	4c Women	Sheet		Untagged			X				X	
1153	4c US Flag	Sheet		Untagged			X			X		
1154	4c Pony Express	Sheet		Untagged			X			X		
1155	4c Employ the Handicapped	Sheet		Untagged			X			X		
1156	4c World Forestry Congress	Sheet		Untagged			X			X		
1157	4c Mexico-US	Sheet		Untagged			X				X	
1158	4c US-Japan	Sheet		Untagged			X				X	
1159	4c Paderewski	Sheet		Untagged			X			X		
1160	8c Paderewski	Sheet		Untagged			X			X		
1162	4c Wheels of Freedom	Sheet		Untagged			X			X		
1164	4c Automated	Sheet		Untagged			X				X	
1167	4c Camp Fire Girls	Sheet		Untagged			X			X		

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Scott	Stamp	Type	Gum	SWUV light	Under LWUV light							
				Tagging	Ink *)	Paper						
						Lum	Dead	NF	DF	LF	MF	HF
1168	4c Caribaldi	Sheet		Untagged		X			X			
1169	8c Caribaldi	Sheet		Untagged		X			X			
1173	4c Echo I	Sheet		Untagged		X			X			
1174	4c Ghandi	Sheet		Untagged		X			X			
1175	8c Ghandi	Sheet		Untagged		X			X			
1176	4c Range Conservation	Sheet		Untagged		X			X			
1178	4c Ft. Sumpter	Sheet		Untagged		X				X		
1180	5c Gettysburg	Sheet		Untagged		X				X		
1181	4c Wilderness	Sheet		Untagged		X				X		
1182	5c Appomattox	Sheet		Untagged		X				X		
1187	4c Indian Paint	Sheet		Untagged		X				X		
1188	4c Sun Yat-Sen, China	Sheet		Untagged		X			X			
1189	4c Naismith	Sheet		Untagged		X			X			
1190	4c Nursing	Sheet		Untagged		X			X			
1192	4c Arizona Statehood	Sheet		Untagged		X			X			
1193	4c Project Mercury	Sheet		Untagged		X			X			
1194	4c Malaria	Sheet		Untagged		X			X			
1195	4c Charles Evens Hughes	Sheet		Untagged		X			X			
1197	4c Louisiana	Sheet		Untagged		X			X			
1198	4c Homestead	Sheet		Untagged		X				X		
1199	4c Girl Scout	Sheet		Untagged		X						X
1200	4c Senator Brien McMahon	Sheet		Untagged		X				X		
1202	4c Sam Rayburn	Sheet		Untagged		X			X			
1203	4c Hammarskjold	Sheet		Untagged		X			X			
1204	4c Hammarskjold Inverts	Sheet		Untagged		X			X			
1206	4c Education	Sheet		Untagged		X				X		
1207	4c Wilson Homer	Sheet		Untagged		X			X			
1208	5c Flag over White House	Sheet		Untagged			X	X	X			X
1209	1c Jackson	Sheet		Untagged			X	X				X
1213	5c Washington	Sheet		Untagged			X					X
1213c	5c Washington	Booklet		Tagged			X	X				?
1230	5c Carolina Charter	Sheet		Untagged		X				X		
1231	5c Food for Peace	Sheet		Untagged		X				X		
1232	5c West Virginia	Sheet		Untagged		X				X		
1234	5c Alliance for Progress	Sheet		Untagged		X				X		
1237	5c Science	Sheet		Untagged		X			X			
1238	5c City Mail Delivery	Sheet		Tagged			X		X	X		
1240	5c Christmas	Sheet		Untagged			X		X			X
1241	5c Audubon	Sheet		Untagged		X						X
1242	5c Sam Houston	Sheet		Untagged		X			X			
1243	5c Russell	Sheet		Untagged		X				X		
1244	5c New York World’s Fair	Sheet		Untagged			X					X
1245	5c John Muir	Sheet		Untagged		X				X		
1247	5c New Jersey Tercentenary	Sheet		Untagged		X			X			
1248	5c Nevada	Sheet		Untagged		X				X		
1249	5c Flag, Register Vote	Sheet		Untagged		X					X	
1254-57	5c Christmas	Sheet		Untagged			X					X
1254-57a	5c Christmas	Sheet		Tagged			X					X
1261	5c Battle of New Orleans	Sheet		Untagged		X				X		
1262	5c Physical Fitness	Sheet		Untagged		X			X			

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Scott	Stamp	Type	Gum	SWUV light	Under LWUV light							
				Tagging	Ink *)	Paper						
					Lum	Dead	NF	DF	LF	MF	HF	HB
1267	5c Salvation Army	Sheet		Untagged		X				X		
1270	5c Robert Fulton	Sheet		Untagged		X				X		
1271	5c Florida Settlement	Sheet		Untagged		X				X		
1276	5c Christmas	Sheet		Untagged			X	X				X
1276a	5c Christmas	Sheet		Tagged			X					X
1278	1c Jefferson	Sheet		Tagged			X	X				
1280	2c Wright	Sheet		Tagged			X	X	X			
1283	5c Washington	Sheet		Untagged		X			X			
1286	10c Andrew Jackson	Sheet		Untagged	Lum ink	X		X				
1287	13c Kennedy	Sheet		Tagged			X	X				
1288	15c Oliver Wendell Holmes	Sheet		Tagged			X	X				
1289	20c George C. Marshall	Sheet		Tagged		X		X				
1297	3c Francis Parkman	Coil		Tagged				X		X		
1298	6c Roosevelt	Coil		Tagged			X	X				
1304	5c Washington	Coil	Shiny	Tagged			X	X				
1304	5c Washington	Coil	Dull	Tagged				X	X	X		
1304C	5c Washington (Clean Face)	Coil	Dull	Tagged				X	X	X		
1305	5c Washington	Coil		Untagged		X			X			
1305C	\$1 O'Neill	Coil	Shiny	Tagged		X	X					
1305C	\$1 O'Neill	Coil	Dull	Tagged					X			
1305 E	15c Oliver Wendell Holmes	Coil		Tagged			X		X			
1309	5c American Circus	Sheet		Tagged			X	X				
1314	5c National Park Service	Sheet		Untagged			X	X				
1316	5c Women's Club	Sheet		Untagged			X	X				
1317	5c Johnny Appleseed	Sheet		Untagged		X			X			
1320	5c Saving Bonds	Sheet		Untagged			X		X			
1321	5c Christmas	Sheet		Untagged				X	X	X		
1327	5c Thoreau	Sheet		Tagged			X	X				
1331/32a	5c Space	Sheet		Tagged			X	X				
1334	5c Finland	Sheet		Tagged			X		X			
1336	5c Christmas	Sheet		Tagged			X	X				
1337	5c Mississippi	Sheet		Tagged			X	X				
1338	6c Flag	Sheet		Tagged			X	X				
1338A	6c Flag	Coil		Block Tagging		X	X	X				
1338 F	8c Flag	Sheet		Block Tagging			X	X				
1338 G	8c Flag	Coil		Block Tagging		X			X			
1339	6c Illinois Statehood	Sheet		Tagged			X	X				
1340	6c Hemisfair '68	Sheet		Tagged			X	X				
1342	6c Support our Youth	Sheet		Tagged			X	X				
1343	6c Law and Order	Sheet		Tagged			X	X				
1345-54	6c Historic Flags	Sheet		Tagged			X	X				
1356	6c Marquette	Sheet		Tagged			X	X				
1361	6c John Trumbull	Sheet		Tagged			X	X				
1364	6c Chief Joseph	Sheet		Tagged			X	X				
1372	6c W.C. Handy	Sheet		Tagged			X	X				
1373	6c California Settlement	Sheet		Tagged			X	X				
1380	6c Daniel Webster	Sheet		Tagged			X	X				
1381	6c Baseball	Sheet		Tagged			X	X				
1384	6c Christmas	Sheet		Tagged				X	X	X		
1387-90	6c Natural History	Sheet		Tagged				X	X			

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Scott	Stamp	Type	Gum	SWUV light	Under LWUV light							
				Tagging	Ink *)	Paper						
						Lum	Dead	NF	DF	LF	MF	HF
1396	6c USPS	Sheet		Tagged		X	X					
1397	14c LaGuardia	Sheet		Tagged			X	X				
1398	16c Ernie Pyle	Sheet		Tagged			X	X				
1399	18c Dr. Elizabeth Blackwell	Sheet		Tagged			X	X				
1409	6c Fort Snelling	Sheet		Tagged			X		X	X		
1410-13	6c Anti-Pollution	Sheet		Tagged		X			X	X		
1420	6c Pilgrim	Sheet		Tagged								
1421-22	6c Disabled Veterans	Sheet		Tagged			X	X		X		
1423	6c American’s Wool	Sheet		Tagged		X			X			
1424	6c Douglas MacArthur	Sheet		Tagged			X	X				
1425	6c Blood Donor	Sheet		Tagged								
1427-30	8c Wildlife preservation	Sheet		Tagged			X	X	X			
1432	8c American Revolution	Sheet		Tagged			X	X				
1433	8c John Sloan	Sheet		Tagged			X	X				
1436	8c Emily Dickinson	Sheet		Tagged			X	X				
1437	8c San Juan	Sheet		Tagged				X	X			
1440-43	8c Historic preservation	Sheet		Tagged		X			X			
1444	8c Christmas	Sheet		Tagged		X	X					
1447	8c Peace Corps	Sheet		Tagged		X	X					
1452	6c Wolf Trap Farm	Sheet		Tagged			X	X				
1454	15c Mt. McKinley, Alaska	Sheet		Tagged			X	X				
1455	8c Family Planning	Sheet		Tagged			X	X				
1456-59	8c American Craftsmen	Sheet		Tagged			X	X				
1464-67	8c Wildlife Conservation	Sheet		Tagged			X	X				
1468	8c Mail Order Business	Sheet		Block Tagging		X	X					
1469	8c Osteopathic Medicine	Sheet		Tagged			X	X				
1470	8c Christmas	Sheet		Tagged			X	X				
1471	8c Santa Claus Christmas	Sheet		Tagged			X	X				
1474	8c Stamp Collecting	Sheet		Tagged			X	X				
1476	8c Pamphleteer	Sheet		Tagged				X		X		
1477	8c Post rider	Sheet		Tagged			X	X				
1480-83	8c Boston Tea Party	Sheet		Tagged			X	X				
1484	8c George Gershwin	Sheet		Tagged		X	X					
1485	8c Robinson Jeffers	Sheet		Tagged		X	X					
1486	8c Willa Cather	Sheet		Tagged			X	X				
1510	10c Jefferson Memorial	Sheet		Tagged		X			X			
1518	6+3c Liberty Bell	Coil		Tagged			X	X	X			
1518a	6+3c Liberty Bell (Precanceled)	Coil		Untagged				X	X			
1520	10c Jefferson Memorial	Coil		Tagged				X	X			
1528	10c Horse Racing	Sheet		Block Tagging		X	X					
1529	10c Skylab	Sheet		Tagged			X	X				
1542	10c Kentucky Settlement	Sheet		Tagged	Lum ink			X	X			
1543-46	10c American Revolution	Sheet		Tagged			X	X				
1550	10c Christmas	Sheet		Tagged	Lum ink		X	X				
1553	10c Benjamin West	Sheet		Tagged		X	X	X				
1554	10c Paul Dunbar	Sheet		Tagged		X	X					
1555	10c D. W. Griffith	Sheet		Tagged				X		X		
1557	10c Mariner 10	Sheet		Tagged			X	X				
1559	8c Sybil Ludington	Sheet		Tagged		X	X					
1561	10c Haym Salomon	Sheet		Tagged			X	X				

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Scott	Stamp	Type	Gum	SWUV light	Under LWUV light							
				Tagging	Ink *)	Paper						
					Lum	Dead	NF	DF	LF	MF	HF	HB
1562	10c Peter Francisco	Sheet		Tagged		X		X				
1563	10c Lexington-Concord Battle	Sheet		Tagged		X	X	X				
1564	10c Bunker Hill Battle	Sheet		Tagged		X	X					
1565-68	10c Military Uniforms	Sheet		Tagged		X	X	X				
1569-70	10c Apollo-Soyuz	Sheet		Tagged			X	X				
1571	10c Women's Year	Sheet		Tagged	Lum ink	X	X	X				
1572-75	10c U.S. Postal Service	Sheet		Tagged		X	X	X				
1577-78	10c Banking & Commerce	Sheet		Tagged			X	X				
1579	10c Christmas	Sheet		Tagged		X	X					
1579	10c Christmas (Bull Eye Perf)	Sheet		Tagged	Lum ink	X	X	X				
1579c	10c Christmas (Line Perf)	Sheet		Tagged	Lum ink		X	X				
1581	1c Inkwell and Quill	Sheet	Shiny	Overall Tagging			X	X				
1582	2c Speaker's Stand	Sheet	Shiny	Overall Tagging			X	X				
1582b	2c Speaker's Stand (Cream)	Sheet	Dull	Overall Tagging			X		X	X		
1584	3c Early Ballot Box	Sheet	Shiny	Overall Tagging			X	X				
1585	4c Books	Sheet	Shiny	Overall Tagging			X	X		X		
1590	9c Capitol	Sheet	Dull	Block Tagging			X	X			X	
1591	9c Capitol	Sheet	Dull	Overall Tagging		X		X				
1592	10c Justice	Sheet	Dull	Overall Tagging		X				X		
1593	11c American Printing	Sheet	Shiny	Overall Tagging		X		X				
1594	12c Torch, Statue of Liberty	Sheet	Dull	Overall Tagging		X		X				
1595	13c Liberty Bell (Pane of 8)	Booklet		Overall Tagging		X		X				
1596	13c Eagle (perf 11¼ Bulls Eye)	Sheet		Block Tagging		X		X				
1597	15c Fort McHenry Flag	Sheet		Small Block				X	X			
1597	15c Fort McHenry Flag	Sheet		Large Block			X					
1598	15c Fort McHenry Flag	Sheet		Small Block			X		X			
1610	\$1.00 Rush Lamp and Candle	Sheet		Overall Tagging	Lum ink	X		X				
1614	7.7c Saxhorns	Coil	Shiny	Overall Tagging			X	X				
1615	7.9c Drum	Coil	Shiny	Overall Tagging					X	X		
1616	9c Capitol	Coil	Shiny	Overall Tagging			X		X			
1617	10c Justice	Coil		Overall Tagging		X		X		X		
1618	13c Liberty Bell	Coil		Overall Tagging			X	X				
1618 C	15c Fort McHenry Flag	Coil		Block Tagging		X	X	X				
1623	13c Flag over Capitol (perf 11)	Booklet		Block Tagging			X	X				
1623B	13c Flag over Capitol (perf 10)	Booklet		Block Tagging		X	X					
1625	13c Flag, Independence Hall	Coil	Pebble	Block Tagging			X			X		
1625	13c Flag, Independence Hall	Coil	Shiny	Block Tagging				X				
1625	13c Flag, Independence Hall	Coil	Dull	Block Tagging			X					
1685	13c Chemistry	Sheet		Tagged				X	X			
1690	13c Benjamin Franklin	Sheet		Tagged			X		X			
1699	13c Clara Maass	Sheet		Tagged		X			X			
1701	13c Christmas	Sheet		Tagged			X	X				
1702	13c Christmas	Sheet		Tagged			X	X				
1738-42	15c Windmills	Booklet	Dull	Overall Tagging			X		X			
1716	13c Lafayette	Sheet		Tagged		X		X				
1717-20	13c Skilled Hands	Sheet		Block Tagging			X	X				
1727	13c Talking Pictures	Sheet		Overall Tagging				X	X			
1730	13c Christmas Mail box	Sheet		Tagged		X	X	X				
1732-33	13c Captain Cook	Sheet		Tagged				X	X			
1737	15c Rose	Booklet		Tagged			X	X				

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				Tagging	Ink *)	Paper						
					Lum	Dead	NF	DF	LF	MF	HF	HB
1743	(15c) A-Stamp	Coil		Tagged		X		X	X			
1744	15c Harriet Tubman	Sheet		Tagged		X		X				
1753	15c French Alliance	Sheet		Tagged		X		X				
1759	15c Viking Missions to Mars	Sheet		Tagged			X	X				
1760-63	15c American Owls	Sheet		Tagged			X		X			
1774	15c Albert Einstein	Sheet		Tagged			X		X			
1789	15c John Paul Jones	Sheet		Tagged		X	X					
1795-98	15c Olympic Games	Sheet		Tagged		X	X					
1838-41	15c Architecture	Sheet		Tagged			X				X	
1811	1c Inkwell & Quill	Coil		Overall Tagging			X		X			
1819	(18c) B-Stamp	Booklet		Tagged		X			X			
1821	15c Frances Perkins	Sheet		Tagged			X	X				
1822	15c Dolley Madison	Sheet		Tagged			X	X	X			
1823	15c Emily Bissell	Sheet		Tagged			X	X				
1824	15c Helen Keller&Anne Sullivan	Sheet		Tagged			X	X	X			
1826	15c Battle of Mobile	Sheet		Tagged				X			X	
1874	15c Everett Dirksen	Sheet		Tagged				X		X		
1880-89	18c American Wildlife	Booklet		Tagged				X		X		
1891	18c Flag & Anthem	Coil		Block Tagging			X	X		X		
1894	20c Flag over Supreme Court	Perf 11	Dull	Small Block Tag					X	X		
1894e	20c Flag over Supreme Court	Perf 11.2	Shiny	Small Block Tag			X					
1895	20c Flag over Supreme Court	Coil		Wide Block Tag	Lum ink			X	X	X		
1895a	20c Flag over Supreme Court	Coil		Narrow Block Tag	Lum ink				X	X		
1896	20c Flag over Supreme Court	Booklet		Block Tagging	Lum ink	X	X	X		X		
1928-31	18c Architecture	Sheet		Tagged		X			X			
1926	18c Edna St. Vincent Millay	Sheet		Tagged		X			X			
1946	(20c) C-Stamp	Sheet		Tagged		X	X					
1947	(20c) C-Stamp	Coil		Overall Tagging			X		X			
1948	(20c) C-Stamp	Booklet		Block Tagging			X	X	X			
1949	20c Bighorn sheep	Booklet		Overall Tagging				X	X	X		
1951	20c Love (Bulls perf 11¼)	Sheet		Tagged		X	X					
1951 A	20c Love (Line perf 11¼x10½)	Sheet		Tagged	Lum ink	X	X					
2006-09	20c Knoxville World's Fair	Sheet		Tagged			X		X			
2005	20c Consumer Education	Coil		Tagged		X	X			X		
2014	20c Peace Garden	Sheet		Tagged		X				X		
2015	20c America's Libraries	Sheet		Tagged		X			X			
2027-30	20c Christmas	Sheet		Tagged		X	X					
2037	20c CCC, 50th Anniversary	Sheet		Tagged			X	X				
2045	20c Medal of Honor	Sheet		Tagged	Lum ink		X	X				
2052	20c Treaty of Paris	Sheet		Tagged			X	X				
2092	20c Preservation Wetlands	Sheet		Tagged			X	X	X			
2094	20c Herman Melville	Sheet		Tagged				X	X			
2102	20c Crime Prevention	Sheet		Tagged			X	X				
2117-21	22c Sea Shells	Booklet		Tagged	Lum ink		X			X		
2112	(22c) D-Stamp	Coil		Tagged			X			X		
2113	(22c) D-Stamp	Booklet		Block Tagging		X			X			
2115	22c Flag over Capitol	Coil		Wide Block			X		X			
2115a	22c Flag over Capitol	Coil		Narrow Block			X	X				
2116	22c Flag over Capitol	Booklet		Tagged			X		X			
2248	22c Hearts & Flowers	Sheet		Tagged		X	X					
2284-85	25c Birds Grosbeak & Owl	Booklet		Tagged		X		X	X			

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Paper Fluorescence US Stamps 1949-1992												
Scott	Stamp	Type	Gum	SWUV light	Under LWUV light							
				Tagging	Ink *)	Paper						
						Lum	Dead	NF	DF	LF	MF	HF
2278	25c Flag over Clouds	Booklet		Tagged			X		X			
2279	(25c) E-Stamp Earth	Coil		Large Block Tag			I-X			I-X		
2280a	25c Flag over Yosemite	Coil		Overall Tagging		X	X			X		
2284-85	25c Owl	Booklet		Overall Tagging		X				X		
2351-54	22c Lacemaking	Sheet		Overall Tagging			X	X				
2355-59	22c Constitution	Sheet		Overall Tagging		X	X					
2360	22c Signing of the Constitution	Sheet		Overall Tagging			X	X				
2361	22c Certified Public Accounting	Sheet		Overall Tagging			X	X				
2421	25c Bill of the Rights	Sheet		Tagged				X	X			
2426	25c Southwest Carved Figure	Sheet		Tagged	Lum ink	X	X	X				
2429	25c Christmas Sleigh	Booklet		Tagged	Lum ink	X	X					
2480	30c Cardinal	Sheet		Overall Tagging	Lum ink		X			X		
2484	29c Duck	Booklet		Overall Tagging		X					X	
2489	29c Red Squirrel	Booklet	SA	Tagged		X			X			
2491	29c Pine Cone	Booklet		Tagged		X			X			
2515	29c Christmas Tree	Sheet		Tagged	Lum ink		X	X				
2516	29c Christmas Tree	Booklet		Tagged	Lum ink	X	X			X		
2518	29c F-Flower	Coil		Tagged		X				X		
2521	(4c) Make-up rate	Sheet		Untagged						X	X	
2531	29c Flags	Sheet		Overall Tagging		X	X					
2536	29c Earth	Booklet		Overall Tagging		X			X			
2560	29c Basketball	Sheet		Overall Tagging			X		X			
2561	29c District of Columbia	Sheet		Overall Tagging			X		X			
2596	29c Eagle	Booklet		Tagged					X	X		
2598	29c Eagle	Booklet		Tagged		X			X			
2599	29c Statue of Liberty	Booklet		Tagged		X			X			
2602	(10c) Eagle Bulk Rate	Coil		Untagged			X	X				X
2605	23c USA Presorted First Class	Coil	WAG	Untagged		X			X			
2609	25c Flag over White House	Coil		Tagged			X		X			
2715-18	29c Christmas	Booklet		Tagged		X				X		
2721	29c Elvis	Sheet		Tagged	Lum ink	X				X		
2795-98	29c Christmas	Booklet		Tagged				X		X		

*) Lum ink: Exist also in a luminescent ink variety. See list on pages 21 and 22.

Paper Fluorescence on Great Americans 1980-1999												
Scott	Stamp	Type	Gum	SWUV light	Under LWUV light							
				Tagging	Ink *)	Paper						
					Lum	Dead	NF	DF	LF	MF	HF	HB *)
1844	1c Dix	Line		Small Block					X			
1844c	1c Dix	Bull		Small Block					X		X	
1845	2c Stravinsky			Overall				X	X	X	X	
1846	3c Clay			Overall					X	X		
1847	4c Schurz			Overall			X	X	X		X	
1848	5c Buck			Overall	Lum ink		X	X	X		X	
1854	11c Partridge			Overall					X		X	
1855	13c Crazy Horse			Overall						X	X	
1857	17c Carson			Overall				X	X		X	
1858	18c Mason			Overall				X		X		

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Paper Fluorescence on Great Americans 1980-1999												
Scott	Stamp	Type	Gum	SWUV light	Under LWUV light							
				Tagging	Ink *)	Paper						
					Lum	Dead	NF	DF	LF	MF	HF	HB *)
1859	19c Sequoyah			Overall				X	X			
1860	20c Bunche			Overall			X		X	X		
1861	20c Gallaudet			Overall			X	X				
1862	20c Truman	Line		Small Block				X	X	X		
1862a	20c Truman	Bull		Large Block					X			
1862b	20c Truman	Bull		Overall, Solid					X	X		
1863	22c Audubon	Line		Small Block				X	X			
1863a	22c Audubon	Line		Large Block				X	X			
1864a	30c Laubach	Line		Small Block				X	X			
1865	35c Drew			Overall				X	X	X		
1866	37c Millikan			Overall					X	X	X	
1868	40c Gilbreth	Line		Small Block				X	X	X		
1868	40c Gilbreth	Bull		Large Block				X	X		X	
1869 a	50c Nimitz			Medium Block				X	X		X	
1869 d	50c Nimitz			Overall Mottled					X		X	
1869 e	50c Nimitz			Embedded					X			
1869 f	50c Nimitz			Large Block				X	X	X		
2168	1c Mitchell			Large Block					X	X		
2169	2c Lyon			Large Block					X	X		
2170	3c White			Large Block				X	X	X		
2172	5c Black			Large Block				X	X			
2173a	5c Martin			Untagged	Lum ink				X	X		
2175	10c Red Cloud		Dull	Large Block				X	X			
2175a	10c Red Cloud		Dull	Overall			X	X	X	X		
2175c	10c Red Cloud		Dull	Surface								
2175d	10c Red Cloud		Shiny	Embedded						X	X	
2176	14c Howe			Large Block					X	X	X	
2177b	15c Buffalo Bill Cody			Solid tagged				X	X		X	
2178	17c Lockwood			Large Block					X	X		
2179	20c Apgar			Grainy Solid				X		X		
2180	21c Chester Carlson			Large Block				X	X			
2181	23c Cassatt			Large Block				X	X	X		
2181a	23c Cassatt			Overall Solid				X	X			
2181a-	23c Cassatt			Overall Mottled							X	
2183	28c Sitting Bull			Large Block					X		X	
2186	35c Chavez			Overall					X	X		
2187a	40c Chennault			Solid Tagged			X	X	X		X	
2188	45c Cushing			Large Block				X	X			
2189a	52c Humphrey			Mottled tagged			X		X	X	X	
2190	56c Harvard			Block Tagging					X	X	X	
2193	\$1 Revel			Large Block					X	X		
2194	\$1 Hopkins		Dull	Large Block				X		X		
2194d	\$1 Hopkins		Dull	Mottled tagged				X	X			
2195	\$2 Bryan			Large Block	Lum ink			X	X			
2934	32c Farley			Solid Tagged			X	X	X			
2935	32c Luce			Grainy Solid				X	X			
2938	46c Benedict			Mottled tagged					X		X	
2940	55c Hamilton			Grainy Solid				X	X			
2942	77c Breckinridge			Solid Tagged			X		X			

*) Great American issue do not have Hi-brite paper varieties, but collectors and dealers often refer High Fluorescent as Hi-brite.

*) Lum ink: Exist also in a luminescent ink variety. See list on pages 21 and 22.

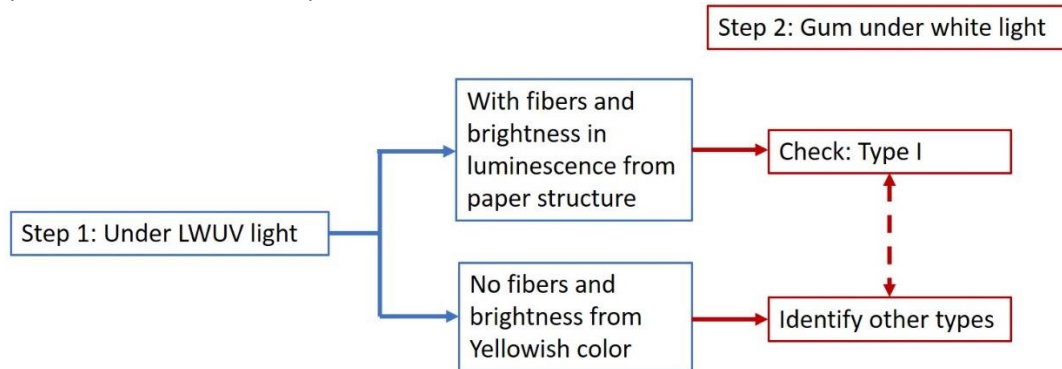
 = Light Yellow-brown up to Gray and no fibers
 = Yellow-brown and no fibers

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Paper Fluorescence on Transportation Coils 1981-1995

Identifier paper varieties of the Transportation coils:



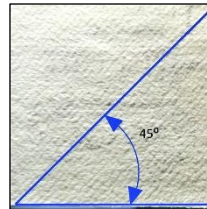
Type I

Under LWUV light:

- Degrees of brightness (NF, DF, LF, MF, HF);
- Dull purple, Gray-brownish to bright purple-wit;
- Always some brightness, even only as small fibers.

Gum:

- Dull gum: 45° diagonal gum ridges;
- Low gloss gum: smooth, no texture;
- Shiny gum: smooth, no texture.



Type Ia

Under LWUV light: As type I

Dull gum: Smooth, no gum texture

Only found on 18c Surrey, plate # 9, 10, 13 and 14.

Type II

Under LWUV light:

- Brightness in color Yellowish-brown;
- No luminescent fibers (like dead paper);
- At face: rough texture.

Dull gum:

- Horizontal ridges from nearly smooth to distinct.

Type IIa

Under LWUV light: As type II.

Dull gum: evenly spaced horizontal ridges.

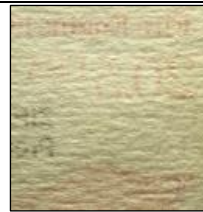


Type III

Under LWUV light:

- Brightness in color Gray-brown up to Purple-brown;
- Mostly no luminescent fibers (like dead paper), but some issues Type III with fibers;
- At face: Smooth surface.

Dull gum: Stippled or wavy horizontal pattern.



Type IIIa

Under LWUV light: As Type III

- Dull gum:
- No gum texture;
 - Yellowish smooth.

Type IIIb

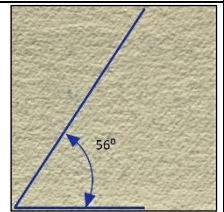
Under LWUV light: As Type III

Dull gum: Smooth with subtle horizontally striations.

Type IIIIn

Under LWUV light: As Type III

Dull gum: Subtler ridges 56° angle.



Type IV

Only 23c Lunch Wagon Plate # 2 and 3

Dull gum: Smooth, no gum texture

Type Vn

Only 23c Lunch Wagon Plate # 3 (Scott 2464a): Embedded phosphor, mottled tagged (SWUV).

Dull gum: 45° diagonal gum ridges.

See for more images of paper types my presentation: "Paper Fluorescence on US-stamps" on www.usca.nl

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Paper Fluorescence on Transportation Coils 1981-1995										
Scott	Stamp		Paper-Gum	Tagging SWUV	Brightness under LWUV light					
					Dead	NF	DF	LF	MF	HF*)
First Issues 1981-1984										
1897	1 c	Omnibus	Type I	Overall Tagging		X	X	X	X	
1897	1 c	Omnibus	Type II	Overall Tagging						
1897	1 c	Omnibus	Type IIIa	Overall Tagging						
1897A	2 c	Locomotive	Type I	Overall Tagging		X	X	X	X	X
1897A	2 c	Locomotive	Type III	Overall Tagging						
1898	3 c	Handcar	Type I	Overall Tagging		X		X	X	
1898A	4 c	Stagecoach	Type I	Overall Tagging		X		X	X	X
1898A	4 c	Stagecoach	Type III	Overall Tagging						
1898Ab	4 c	Stagecoach	Type I	Precanceled - Untagged				X		X
1898Ab	4 c	Stagecoach	Type III	Precanceled						
1899	5 c	Motorcycle	Type I	Overall Tagging		X	X	X	X	X
1899	5 c	Motorcycle	Type II	Overall Tagging				X		
1900	5.2 c	Sleigh (Dead red Ink)	Type I	Overall Tagging			X			X
1900	5.2 c	Sleigh (Lum red ink)	Type I	Overall Tagging				X		X
1900a	5.2 c	Sleigh	Type I	Precanceled - Untagged		X		X	X	
1901	5.9 c	Bicycle	Type I	Overall Tagging			X			X
1901a	5.9 c	Bicycle	Type I	Precanceled - Untagged			X	X		X
1902	7.4 c	Baby Buggy	Type II	Block Tagging			X	X		
1902	7.4 c	Baby Buggy	Type IIa	Block Tagging				X		
1902a	7.4 c	Baby Buggy	Type II	Precanceled - Untagged			X	X		
1902a	7.4 c	Baby Buggy	Type IIa	Precanceled - Untagged				X		
1903	9.3 c	Mail Wagon	Type I	Overall Tagging			X	X	X	
1903a	9.3 c	Mail Wagon	Type I	Precanceled - Untagged		X	X	X		X
1904	10.9 c	Hansom Cab	Type I	Overall Tagging			X			X
1904a	10.9 c	Hansom Cab	Type I	Precanceled - Untagged		X	X	X		X
1905	11 c	Caboose	Type I	Block Tagging					X	
1905	11 c	Caboose	Type II	Block Tagging				X		
1905a	11 c	Caboose (reprint, plate #2)	Type IIIIn	Untagged				X		
1905a	11 c	Caboose	Type I	Precanceled - Untagged		X			X	
1905a	11 c	Caboose	Type II	Precanceled - Untagged				X		
1905a	11 c	Caboose	Type IIa	Precanceled - Untagged			X			
1905a	11 c	Caboose (reprint, plate #2)	Type IIIIn	Precanceled - Untagged			X			
1906	17 c	Electric Auto	Type I	Overall Tagging		X	X		X	X
1906	17 c	Electric Auto	Type II	Overall Tagging				X		
1906a	17 c	Electric Auto	Type I	Precanceled A - Untagged			X	X		X
1906a	17 c	Electric Auto	Type I	Precanceled B - Untagged			X	X		X
1906a	17 c	Electric Auto	Type I	Precanceled C - Untagged		X		X		X
1907	18 c	Surrey	Type I	Overall Tagging			X	X		
1907	18 c	Surrey	Type Ia	Overall Tagging					X	
1908	20 c	Fire Pumper (Dead ink)	Type I	Overall Tagging			X	X	X	X
1908	20 c	Fire Pumper (Lum ink)	Type I	Overall Tagging				X		
Second Issues 1985-1989										
2123	3.4 c	School Bus	Type I	Overall Tagging		X				X
2123a	3.4 c	School Bus	Type I	Precanceled - Untagged			X		X	
2124	4.9 c	Buckboard	Type I	Overall Tagging		X	X		X	
2124a	4.9 c	Buckboard	Type I	Precanceled - Untagged		X	X	X	X	
2125	5.5 c	Star Route Truck	Type I	Block Tagging				X	X	
2125	5.5 c	Star Route Truck	Type III	Block Tagging				X		

*) Transportation coils do not have Hi-brite paper varieties, but collectors and dealers often refer High Fluorescent as Hi-brite.

 = Gray up to light purple-brown and no fibers
 = Yellow-brown and no fibers

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Paper Fluorescence on Transportation Coils 1981-1995										
Scott	Stamp		Paper-Gum	Tagging SWUV	Paper under LWUV light					
					Dead	NF	DF	LF	MF	HF*)
2125	5.5 c	Star Route Truck	Type IIIb	Block Tagging						
2125a	5.5 c	Star Route Truck	Type I	Precanceled - Untagged				X		
2125a	5.5 c	Star Route Truck	Type III	Precanceled - Untagged				X		
2125a	5.5 c	Star Route Truck	Type IIIb	Precanceled - Untagged						
2126	6 c	Tricycle	Type II	Block Tagging						
2126a	6 c	Tricycle	Type I	Precanceled - Untagged					X	
2126a	6 c	Tricycle	Type II	Precanceled - Untagged						
2126a	6 c	Tricycle	Type III	Precanceled - Untagged						
2127	7.1 c	Tractor	Type III	Block Tagging				X		
2127a	7.1 c	Tractor (Nonprofit org)	Type III	Precanceled - Untagged				X		
2127b	7.1 c	Tractor (Nonprofit Zip+4)	Type III	Precanceled - Untagged			X			
2127b	7.1 c	Tractor (Nonprofit Zip+4)	Type IIIb	Precanceled - Untagged			X			
2128	8.3 c	Ambulance (Lum ink)	Type I	Overall Tagging		X	X	X	X	
2128	8.3 c	Ambulance (Dead ink)	Type II	Overall Tagging				X		
2128a	8.3 c	Ambulance (Lum ink)	Type I	Precanceled - Untagged		X	X		X	X
2128a	8.3 c	Ambulance (Dead ink)	Type III	Precanceled - Untagged				X		
2129	8.5 c	Tow Truck	Type I	Block Tagging		X	X			
2129	8.5 c	Tow Truck	Type III	Block Tagging				X		
2129a	8.5 c	Tow Truck	Type I	Precanceled - Untagged		X	X			
2129a	8.5 c	Tow Truck	Type III	Precanceled - Untagged				X		
2130	10.1 c	Oil Wagon	Type II	Block Tagging		X	X			
2130a	10.1 c	Oil Wagon (red print)	Type I	Precanceled - Untagged		X	X	X		
2130aa	10.1 c	Oil Wagon (Black print)	Type II	Precanceled - Untagged						
2130aa	10.1 c	Oil Wagon (Black print)	Type III	Precanceled - Untagged				X		
2130aa	10.1 c	Oil Wagon (Black print)	Type IIIa	Precanceled - Untagged						
2130aa	10.1 c	Oil Wagon (Black print)	Type IIIb	Precanceled - Untagged						
2130aa	10.1 c	Oil Wagon (Black print)	Type IIIIn	Precanceled - Untagged						
2131	11 c	Stutz Bearcat	Type I	Overall Tagging			X		X	
2132	12 c	Stanley Steamer	Type I	Overall Tagging						
2132	12 c	Stanley Steamer	Type II	Overall Tagging		X		X		
2132	12 c	Stanley Steamer	Type IIIa	Overall Tagging				X	X	
2132a	12 c	Stanley Steamer Type I	Type I	Precanceled - Untagged		X			X	
2132b	12 c	Stanley Steamer Type II	Type III	Precanceled - Untagged			X			
2133	12.5 c	Pushcart	Type I	Block Tagging						
2133	12.5 c	Pushcart (luminescent ink)	Type II	Block Tagging				X		
2133	12.5 c	Pushcart (Dead ink)	Type III	Block Tagging				X		
2133	12.5 c	Pushcart	Type IIIa	Block Tagging						
2133a	12.5 c	Pushcart (Dead Ink)	Type I	Precanceled - Untagged				X		
2133a	12.5 c	Pushcart (luminescent ink)	Type II	Precanceled - Untagged				X		
2133a	12.5 c	Pushcart (Dead Ink)	Type III	Precanceled - Untagged			X	X		
2133a	12.5 c	Pushcart (luminescent ink)	Type IIIa	Precanceled - Untagged				X		
2134	14 c	Iceboat (type I)	Type I	Overall Tagging					X	
2134	14 c	Iceboat (type I)	Type II	Overall Tagging			X			
2134	14 c	Iceboat (type I)	Type IIIa	Overall Tagging				X		
2134b	14 c	Iceboat (type II)	Type II	Block Tagging			X			
2134b	14 c	Iceboat (type II)	Type III	Block Tagging				X	X	
2135	17 c	Dog Sled	Type I	Block Tagging				X		
2135	17 c	Dog Sled	Type III	Block Tagging						
2136	25 c	Bread Wagon (Plate 1)	Type I	Block Tagging		X			X	
2136	25 c	Bread Wagon (Plate 2, 3 & 4)	Type II	Block Tagging				X		
2136	25 c	Bread Wagon (Plate 5)	Type III	Block Tagging				X		

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Paper Fluorescence on Transportation Coils 1981-1995										
Scott	Stamp		Paper-Gum	Tagging SWUV	Paper under LWUV light					
					Dead	NF	DF	LF	MF	HF*)
Third Issues 1986-1990										
2225	1 c	Omnibus	Type I	Block Tagging				X		X
2225	1 c	Omnibus	Type IIIb	Block Tagging				X		
2225a	1 c	Omnibus (1991)	Type I	Mottled						
2225b	1 c	Omnibus	Type I, Shiny gum	Untagged	X			X		
2225b	1 c	Omnibus	Type IIIIn	Untagged				X	X	
2225b-	1 c	Omnibus	Type I, Dull gum	Untagged		X	X			
2225b-	1 c	Omnibus	Type I, Low gloss	Untagged			X			
2226	2 c	Locomotive	Type I, Shiny gum	Block Tagging			X			
2226	2 c	Locomotive	Type II	Block Tagging			X	X		
2226a	2 c	Locomotive	Type I, Shiny gum	Untagged				X		
2226a-	2 c	Locomotive	Type I, Dull gum	Untagged			X	X		
2228	4 c	Stagecoach	Type I	Block Tagging				X		
2228	4 c	Stagecoach	Type III	Block Tagging				X		
2228	4 c	Stagecoach	Type IIIb	Block Tagging				X		
2228a	4 c	Stagecoach (1990)	Type IIIIn	Overall Tagging			X			
2231	8.3 c	Ambulance (18 mm)	Type II	Precanceled - Untagged						
2231	8.3 c	Ambulance (18 mm)	Type III	Precanceled - Untagged			X	X		
Fourth Issues 1987-1995										
2252	3 c	Conestoga	Type III	Block Tagging		X	X	X		
2252a	3 c	Conestoga	Type I, Dull gum	Untagged		X	X	X		
2252a-	3 c	Conestoga	Type I, Shiny gum	Untagged		X	X			
2252a-	3 c	Conestoga (plate 5)	Type I, Low gloss	Untagged	X					
2253	5 c	Milk Wagon	Type III	Block Tagging			X	X		
2254	5.3 c	Elevator	Type III	Precanceled - Untagged			X	X		
2254	5.3 c	Elevator	Type IIIb	Precanceled - Untagged						
2255	7.6 c	Carreta	Type III	Precanceled - Untagged		X	X	X	X	X
2255	7.6 c	Carreta	Type IIIb	Precanceled - Untagged						
2255	7.6 c	Carreta	Type IIIIn	Precanceled - Untagged						
2256	8.4 c	Wheel Chair	Type II	Precanceled - Untagged						
2256	8.4 c	Wheel Chair	Type III	Precanceled - Untagged			X	X		
2256	8.4 c	Wheel Chair (plate 3)	Type IIIb	Precanceled - Untagged			X	X		
2256	8.4 c	Wheel Chair	Type IIIIn	Precanceled - Untagged						
2257	10 c	Canal Boat	Type III	Block Tagging						
2257	10 c	Canal Boat	Type IIIIn	Block Tagging				X		
2257a	10 c	Canal Boat	Type I, Dull gum	Overall Tagging			X			
2257a-	10 c	Canal Boat	Type I, Shiny gum	Overall Tagging			X			
2257b	10 c	Canal Boat	Type I	Overall Mottled tagged		X				X
2257c	10 c	Canal Boat	Type I	Overall Solid tagged	X					
2258	13 c	Patrol Wagon	Type III	Precanceled - Untagged			X	X		
2259	13.2c	Coal Car	Type II	Precanceled - Untagged						
2259	13.2c	Coal Car	Type III	Precanceled - Untagged			X	X		
2259	13.2c	Coal Car	Type IIIb	Precanceled - Untagged						
2259	13.2c	Coal Car	Type IIIIn	Precanceled - Untagged						
2260	15 c	Tugboat	Type III	Block Tagging			X	X		
2260a	15 c	Tugboat	Type III	Overall Tagging			X			
2260a	15 c	Tugboat	Type IIIIn	Overall Tagging						
2261	16.7c	Popcorn Wagon	Type II	Precanceled - Untagged				X		
2261	16.7c	Popcorn Wagon	Type III	Precanceled - Untagged			X	X		
2261	16.7c	Popcorn Wagon	Type IIIb	Precanceled - Untagged						

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Paper Fluorescence on Transportation Coils 1981-1995

Scott	Stamp	Paper-Gum	Tagging SWUV	Paper under LWUV light					
				Dead	NF	DF	LF	MF	HF*)
2262	17.5c Racing Car	Type III	Block Tagging			X	X		
2262a	17.5c Racing Car	Type I	Precanceled - Untagged						
2262a	17.5c Racing Car	Type III	Precanceled - Untagged			X			
2263	20 c Cable Car	Type III	Large Block Tagging			X	X		
2263	20 c Cable Car	Type III	Small Block Tagging			X	X		
2263b	20 c Cable Car	Type IIIIn	Overall Tagging				X		
2264	20.5c Fire Engine	Type III	Precanceled - Untagged				X	X	
2264	20.5c Fire Engine	Type IIIb	Precanceled - Untagged						
2264	20.5c Fire Engine	Type IIIIn	Precanceled - Untagged						
2265	21 c Railroad Car	Type III	Precanceled - Untagged		X	X	X		
2265	21 c Railroad Car	Type IIIb	Precanceled - Untagged						
2265	21 c Railroad Car	Type IIIIn	Precanceled - Untagged		X				
2266	24.1c Tandem Bicycle	Type III	Precanceled - Untagged			X	X		
Fifth Issues 1990-1995									
2451	04 c Steam Carriage	Type III	Overall Tagging						
2451	04 c Steam Carriage	Type IIIIn	Overall Tagging			X	X		
2451a	04 c Steam Carriage	Type IIIIn	untagged		X	X			
2452	05 c Circus Wagon	Type IIIb	Overall Tagging			X	X	X	
2452	05 c Circus Wagon	Type IIIIn	Overall Tagging						
2452a	05 c Circus Wagon	Type I, Dull gum	untagged			X			
2452a-	05 c Circus Wagon	Type I, Low gloss	untagged					X	
2452B	5 c Circus Wagon (Dead ink)	Type I, Low gloss	untagged				X		
2452Bf	5 c Circus Wagon (lum ink)	Type I, Low gloss	untagged				X		X
2452D	5 c Circus Wagon (1995 Dead)	Type I, Low gloss	untagged		X	X			
2452Dg	5 c Circus Wagon (1995 lum ink)	Type I, Shiny gum	untagged						
2452Dg	5 c Circus Wagon (1995 lum ink)	Type I, Low gloss	untagged		X	X			
2453	05 c Canoe (brown)	Type IIIIn	untagged		X		X		
2454	05 c Canoe (red) gravure print	Type I, Shiny gum	untagged	X					
2454-	05 c Canoe (red) gravure print	Type I, Low gloss	untagged	X					
2457	10 c Tractor Trailer	Type I	Precanceled - Untagged	X		X	X		
2457	10 c Tractor Trailer	Type III	Precanceled - Untagged						
2458	10 c Tractor Trailer (gravure print)	Type I, Low gloss	Precanceled - Untagged		X			X	
2463	20 c Coil Railway	Type I	Overall Mottled tagged				X		X
2464	23 c Lunch Wagon	Type VI, Dull gum	Overall Solid tagged				X		
2464a	23 c Lunch Wagon	Type Vn, Dull gum	Overall Mottled tagged			X			
2464b	23 c Lunch Wagon	Type Vn, Shiny gum	Overall Mottled tagged				X		X
2466	32 c Ferryboat (blue)	Type I, Low gloss	Overall Mottled tagged			X	X		X
2466-	32 c Ferryboat (blue)	Type I, Shiny gum	Overall Mottled tagged				X		X
2466b	32 c Ferryboat (Bright blue)	Type I, Low gloss	Overall Mottled tagged				X		
2468	\$ 1 Seaplane	Type III, Dull gum	Overall Tagging				X		
2468	\$ 1 Seaplane	Type IIIb, Dull gum	Overall Tagging				X		
2468	\$ 1 Seaplane	Type IIIIn, Dull gum	Overall Tagging						
2468b	\$ 1 Seaplane	Type I, Shiny gum	Overall Mottled tagged						X
2468c	\$ 1 Seaplane	Type I, Low gloss	Overall Grainy tagged	X					

*) Transportation coils do not have Hi-brite paper varieties, but collectors and dealers often refer High Fluorescent as Hi-brite.

 = Gray up to light purple-brown and no fibers
 = Yellow-brown and no fibers

 Not marked with X = did not found yet

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Paper Fluorescence Back of the Book Stamps 1949-1992												
Scott	Stamp	Type	Gum	SWUV light	Under LWUV light							
				Tagging	Ink	Paper						
					Lum	Dead	NF	DF	LF	MF	HF	HB
C37	5c Plane	Coil		Untagged		X			X			
C50	6c Eagle in Flight	Sheet		Untagged		X			X			
C53	7c Alaska Statehood	Sheet		Untagged		X			X			
C54	7c Balloon Jupiter	Sheet		Untagged		X			X			
C55	7c Hawaii Statehood	Sheet		Untagged		X			X			
C58	15c Statue of Liberty	Sheet		Untagged		X			X		X	
C59	25c Lincoln	Sheet		Untagged		X			X			
C63	15c Statue of Liberty	Sheet		Untagged		X				X		
C66	15c Montgomery Blair	Sheet		Untagged		X			X			
C67	6c Bald Eagle	Sheet		Untagged		X				X		
C68	8c Amelia Earhart	Sheet		Untagged		X				X		
C71	20c Colombia Jays, Audubon	Sheet		Tagged		X			X			
C75	20c USA and Jet	Sheet		Tagged		X			X	X	X	
C77	9c Delta Wing Plane	Sheet		Tagged		X			X			
C81	21c USA and Jet	Sheet		Tagged		X			X	X		
C84	11c National Park Centennial	Sheet		Tagged		X			X			
C86	11c Electronics Progress	Sheet		Tagged		X			X			
C87	18c Statue of Liberty	Sheet		Tagged		X			X			
C88	26c Mount Rushmore	Sheet		Tagged		X			X			
C89	25c Plane and Globes	Sheet		Tagged		X			X			
C90	31c Plane, Globes and Flag	Sheet		Tagged		X			X	X		
C93-94	21c Octave Chanute	Sheet		Tagged		X		X				
C91-92	31c Wright Brothers	Sheet		Tagged		X		X				
C98	40c Philip Mazzei (Perf 11)	Sheet		Tagged			X	X	X			
C114	39c Lawrence & Elmer Sperry	Sheet		Tagged			X					
C119	36c Sikorsky	Sheet		Tagged			X					
C129	40c Piper and Piper Cub	Sheet		Tagged		X	X		X			
E21	30c Special Delivery	Sheet		Untagged					X		X	
E22	45c Special Delivery	Sheet		Untagged		X			X			
E23	60c Special Delivery	Sheet		Untagged		X			X			
RW18	\$2.00 Hunting Permit 1951	Sheet		Untagged		X			X			
RW47	\$7.50 Hunting Permit 1980	Sheet		Untagged		X			X			
CVP 31a	Var Computer Vended, Font I	Coil	Shiny	Solid Tagging		X			X			
CVP 31b	Var Computer Vended, Font I	Coil	Shiny	Solid Tagging		X			X			
CVP 31b	Var Computer Vended, Font II	Coil	Shiny	Solid Tagging		X			X			
CVP 31c	Var Computer Vended, Font I	Coil	Dull	Mottled Tagging		X			X			
CVP 31c	Var Computer Vended, Font II	Coil	Dull	Mottled Tagging		X			X			
J82	3c Postage Due (Wet printing)	Sheet		Untagged		X			X			
J93	5c Postage Due	Sheet		Untagged		X			X			
J104	17c Postage Due	Sheet		Untagged		X			X			
O127	1c Official Mail	Sheet		Tagged		X			X			
O128	4c Official Mail	Sheet		Tagged		X			X			
O130	17c Official Mail	Sheet		Tagged		X			X			
O136	\$1.00 Official Mail	Sheet		Tagged		X			X			
O136	22c Official	Coil	Dull	Tagged			X				X	
QI4	- Insured Mail	Booklet		Untagged		X					X	

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Paper Fluorescence US Stamps 1992-2020												
Scott	Stamp	Type	Gum	SWUV light	Under LWUV light							
				Tagging	Ink	Paper						
					Lum	Dead	NF	DF	LF	MF	HF	HB
						Dead	Low-brite			Hi-brite		
2493-94	32c Peach and Pear	Booklet	SA	Tagged		X			X			
2791-94	29c Christmas	Sheet	WAG	Tagged		X			X			
2795-98	29c Christmas	Booklet	WAG	Tagged		X			X			
2813	29c Love	Booklet	WAG	Tagged	Lum ink	X			X			
2817	29c Year of the Dog	Sheet	WAG	Tagged		X			X			
2843-47	29c Locomotives (Set of 5)	Booklet	WAG	Tagged		X			X			
2873	29c Christmas Greetings	Booklet	WAG	Tagged		X			X			
2884	(32c) G-Stamp Blue G	Booklet	WAG	Tagged		X			X			
2886	(32c) G-Stamp (Imperf)	Booklet	SA	Tagged		X			X			
2889	(32c) G-Stamp (Black G)	Coil	WAG	Tagged		X			X			
2897	32c Flag over Porch	Sheet	WAG	Tagged	Lum ink	X			X			
2911	(25c) Juke Box	Coil	WAG	Tagged		X			X			
2912A	(25c) Juke Box (Die 11.5 vert)	Coil	SA	Tagged		X			X			
2913	32c Flag over Porch	Coil	Wag	Tagged	Lum ink	X			X			
2914	32c Flag over Porch	Coil	Wag	Tagged		X			X			
2915A	32c Flag over Porch (Die 9.8)	Coil	SA	Tagged		X			X			
2915B	32c Flag over Porch (Die 11.5)	Coil	SA	Tagged		X			X			
2915C	32c Flag over Porch (Die 10.9)	Coil	SA	Tagged		X			X			
2915D	32c Flag over Porch (1997)	Coil	SA	Tagged		X			X			
2916	32c Flag over Porch	Booklet	WAG	Tagged		X			X			
2920	32c Flag over Porch (Die 8.7)	Booklet	SA	Tagged		X			X			
2920D	32c Flag over Porch (Die 11.3)	Booklet	SA	Tagged		X			X			
2921	32c Flag over Porch (Die 9.8)	Booklet	SA	Tagged		X			X			
2921b	32c Flag over Porch (1997)	Booklet	SA	Tagged		X			X			
2969-73	32c Great Lakes Lighthouses	Booklet	WAG	Tagged		X			X			
3012	32c Christmas Angel	Booklet	SA	Tagged	Lum ink	X			X			
3025-29	29c Garden Flowers	Booklet	WAG	Tagged		X			X			
3031	1c American Kestrel	Sheet	SA	Untagged	Lum ink	X			X			
3033	3c Eastern Bluebird	Sheet	WAG	Untagged	Lum ink	X			X			
3122	32c Statue of Liberty	Booklet	SA	Tagged		X			X			
3177	32c Madonna Christmas	Booklet	SA	Tagged		X			X			
3204	32c Sylvester & Tweety	Sheet	SA	Tagged		X			X			
3207	(5c) Wetlands	Coil	WAG	Untagged		X			X			
3272	33c Year of the Rabbit	Sheet	SA	Tagged	Lum ink	X			X			
3330	55c Billy Mitchell	Sheet	SA	Tagged		X			X			
3536	34c Christmas Madonna	Booklet	SA	Tagged		X			X			
3541-44	34c Christmas Santa Claus	Booklet	SA	Tagged		X			X			
3549B	34c Flag	Booklet	SA	Tagged		X			X			
3632A	37c Flag (Date 2003, Die 10½)	Coil	SA	Mottled tagged	Lum ink	X			X			
3636	37c Flag Die cut 10.5 x 10.8	Sheet	SA	Solid tagged	Lum ink	X			X			
3688-91	37c Christmas Snowman (small)	Booklet	WAG	Tagged		X			X			
3792-3801	(25c) Eagle (dated 2003)	Coil	SA	Untagged	Lum ink	X			X			
4138	17c Bighorn Sheep	Sheet	SA	Tagged		X			X			
4140	17c Bighorn Sheep	Coil	SA	Tagged		X			X			
4141	26c Panther	Coil	SA	Tagged		X			X			
4157	(10c) Patriotic Banner	Coil	SA	Untagged		X			X			X
4389	28c Polar Bear	Coil	SA	Tagged		X			X			
4392	44c Flag (SSP, Die 11 vert)	Coil	SA	Tagged		X			X			
4395	44c Flag (Rounded Corners)	Coil	SA	Tagged		X			X			
4495	(5c) Art Deco Bird	Coil	SA	Untagged		X			X			X
4496	44c Quill And Inkwell	Coil	SA	Tagged			X		X			

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Paper Fluorescence US Stamps 1992-2020												
Scott	Stamp	Type	Gum	SWUV light Tagging	Under LWUV light							
					Ink	Paper						
						Lum	Dead	NF	DF	LF	MF	HF HB
							Dead		Low-brite			Hi-brite
4559-60	(44c) Statue & Flag (4evR)	Booklet	SA	Tagged			X			X		
4561-62	(44c) Statue & Flag (4evr)	Booklet	SA	Tagged			X			X		
4613-17	45c Weather Vanes	Coil	SA	Tagged			X			X		
4633-36	(45c) Flags (APU, Die 9½ vert)	Coil	SA	Overall Tagging				X		X		
4637-40	(45c) Flags (SSP, Die 11 vert)	Coil	SA	Tagged			X			X		
4641-44	(45c) Flags (APU)	Booklet	SA	Tagged			X			X		
4645-48	(45c) Flags (SSP)	Booklet	SA	Tagged			X			X		X
4672	1c Bobcat (2012)	Coil	SA	Untagged			X			X		
4782-85	(46c) Flag all seasons (SSP 2013)	BK of 20	SA	Tagged			X			X		
4782-85b	(46c) Flag all seasons (SSP 2014)	BK of 20	SA	Overall Tagging			X			X		
4816	(46c) Poinsettia	Booklet	SA	Tagged			X			X		
4854	(49c) Flag and Fireworks (APU)	Coil	SA	Tagged			X			X		
4855	(49c) Flag and Fireworks (APU)	Booklet	SA	Tagged			X			X		
4868	(49c) Flag and Fireworks (SSP)	Coil	SA	Tagged			X			X		X
4870	(49c) Flag and Fireworks (SSP)	Booklet	SA	Tagged			X			X		X
4874-78	(49c) Ferns (Date 2014, Die 11 vert)	Coil	SA	Tagged			X					X
4882-91	(49c) Songbirds	Booklet	SA	Tagged			X			X		
4894-97	(49c) Red, White & Blues	Coil	SA	White-bluish tag						X		X
4894-97	(49c) Red, White & Blues	Coil	SA	Yellow-green tag			X					
4937-40	(49c) Winter Fun	Booklet	SA	Tagged			X			X		
4964-67	(49c) Water Lilies	Booklet	SA	Tagged			X					X
5004-07	(49c) Summer Harvest	Booklet	SA	Tagged			X			X		
5031-34	(49c) Snowflakes	Booklet	SA	Tagged			X					X
5042-51	(49c) Botanical Art	BK of 20	SA	Tagged						X		X
5042	(49c) Corn Lilies, left top corner	BK of 10	SA	Tagged			X					
5041	(49c) Jonquils, right bottom cor	BK of 10	SA	Tagged			X					
5055	(49c) Flag over Clouds (APU)	Booklet	SA	Tagged			X			X		
5263	(50c) Flag (BCA) (USPS white strip)	Booklet	SA	Tagged						X		X
Airmail												
C133	48c Niagara Falls	Sheet	SA	Tagged			X			X		
C136	70c Nine-Mile Prairie Nebraska	Sheet	SA	Tagged			X			X		
C138	60c Acadia National Park	Sheet	SA	Tagged			X			X		
C139	63c Bryce Canyon	Sheet	SA	Tagged	Lum ink		X			X		
C143	90c Hagatña Bay Guam	Sheet	SA	Tagged	Lum ink		X			X		
C147	98c Grand Teton Wyoming	Sheet	SA	Tagged	Lum ink		X			X		

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Luminescent Ink Varieties



One or more colors are luminescent under LWUV light.

Only stamps listed when they exist in Non-luminescent and Luminescent.

See for images my presentation "Luminescent ink on U.S. Stamps" on www.usca.nl

Luminescent ink varieties

N: Non-luminescent (Dead) en L: Luminescent

Scott	Stamp	N	L
1036	4c Lincoln	X	X
1036b	4c Lincoln (Booklet pane of 6)	X	X
1286	10c Andrew Jackson	X	X
1384a	6c Xmas(Precancel ink New HavenCT)	X	X
1542	10c Kentucky Settlement	X	X
1550	10c Christmas Angel	X	X
1571	10c Women's Year	X	X
1580	(10c) Christmas Angel	?	X
1610	\$1.00 Rush lamp and Candle	X	X
1683	13c Alexander Graham Bell	X	X
1695-98	13c Olympic Games	X	X
1701	13c Christmas	X	X
1848	5c Pearl Buck	X	X
1895	20c Flag	X	X
1896	20c Flag (BK stamp)	X	X
1900	5.2c Sleigh	X	X
1903	9.3c Mail Wagon	X	X
1926	18c Edna St. Vincent Millay	X	X
1951	20c Love (perf Bulls Eye 11¼)	X	X
1951A	20c Love (perf Line 11¼x10¼)	-	X
2045	20c Medal of Honor	X	X
2097	20c Roberto Clemente	?	X
2117-21	22c Sea Shells (BK set of 5)	X	X
2128	8.3c Ambulance	X	X
2128a	8.3c Ambulance (Precanceled)	X	X
2133	12.5c Pushcart	X	X
2133a	12.5c Pushcart (Precanceled)	X	X
2173a	5c Luis Muñoz Marin (Untagged)	X	X
2195	\$2.00 William Jennings Bryan	?	X
2277	(25c) E-Earth (Sheet stamp)	X	X

Scott	Stamp	N	L
2367	22c Christmas	X	X
2395-98	25c Special Occasions (Set of 4)	X	X
2399	25c Christmas Madonna	X	X
2426	25c Pre-Colombian America	X	X
2428	25c Greeting Sleigh (Sheet)	X	X
2429	25c Greeting Sleigh (BK stamp)	X	X
2441	25c Love	X	X
2452B	5c Circus Wagon (1992)	X	-
2452Bf	5c Circus Wagon (1992)	-	X
2452D	5c Circus Wagon (1995) LGG	X	-
2452Dg	5c Circus Wagon (1995) LGG	-	X
2477	1c American Kestrel (WAG)	X	X
2480	30c Cardinal	X	X
2482	\$2.00 Bobcat	X	X
2515	25c Christmas Tree (Sheet stamp)	X	X
2516	25c Christmas Tree (BK stamp)	X	X
2517	(29c) F Flower (Perf 13)	X	X
2518	(29c) F Flower (Coil, WAG)	X	X
2524	(29c) F Flower (Sheet, Perf 11)	X	X
2525	(29c) F Flower (Coil, Rouletted)	X	?
2527	29c F Flower (BK Stamp, Perf 11)	X	?
2528	29c Flag, Olympic (Booklet stamp)	X	X
2533	29c Vermont	X	X
2579	(29c) Santa in Chimney	X	X
2593	29c Flag (Booklet stamp)	X	X
2602	(10c) Eagle (Bulk Rate blue)	X	X
2603	(10c) Eagle (Bulk Rate red)	X	X
2721	29c Elvis	X	X
2760-64	29c Garden Flowers (BK set of 5)	X	X
2795-98	29c Christmas (BK set of 4)	X	X

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Luminescent ink varieties

N: Non-luminescent (Dead) en L: Luminescent

Scott	Stamp	N	L
2813	29c Love	X	X
2843-47	29c Locomotives (BK set of 5)	X	X
2886	(32c) G Flag Old Glory (BK stamp)	X	X
2889	(32c) Black G, Flag Old Glory (Coil)	X	X
2890	(32c) Blue G, Flag Old Glory (Coil)	X	X
2897	32c Flag over Porch (Sheet, WAG)	X	X
2902	(5c) Butte (Coil, WAG)	X	X
2904	(5c) Mountain (Coil, WAG)	X	X
2912	(25c) Juke Box (Die 9.8, Dark Color)	?	X
2912A	(25c) Juke Box (Die 11.5, Light Color)	X	X
2913	32c Flag over Porch (Coil, WAG)	X	X
2915B	32c Flag over Porch (Coil, SA)	X	X
2968	32c Texas (Dead colors & Red Flag)	-	X
	32c Texas (Dull Yellow, Red)	-	X
	32c Texas (Bright Yellow, orange)	-	X
3012	32c Christmas Angel (BK stamp)	X	X
3026	32c Winter Aconite (BK stamp)	X	X
3030	32c Love (BK Stamp)	X	X
3031	1c American Kestrel (Sheet, SA)	X	X
3033	3c Eastern Bluebird	X	X
3036	\$1.00 Red Fox	X	X
3044a	1c Kestrel (Coil, Large date 1996)	X	X
3045	2c Woodpecker (Coil)	X	X
3049	32c Yellow Rose (BK stamp)	X	X
3054	32c Yellow Rose (Coil, SA)	X	X
3106	32c Computer Technology	X	X
3122	32c Statue (BK stamp, Die cut 11)	X	X
3122e	32c Statue (BK stamp, Die 10.5x10.8)	X	X
3193-97	32c Flowers (White overlay)	X	X
3207A	(5c) Wetlands (Coil, SA)	X	X
3271	(10c) Eagle & Shield (Coil, SA)	X	X
3272	33c Year of the Rabbit	X	X
3522	(15c) Woody Wagon (Coil, SA)	X	X
3612	5c Toleware (Coil)	X	X
3636	37c Flag (Vending BK stamp, Die cut 10.5x10.8, Solid tagged)	X	X
3636	37c Flag (Vending BK stamp, Die cut 10.5x10.8, Mottled tag)	X	X
3636c	37c Flag (Convertible BK stamp, Die cut 10.4x10.8, Solid tagged)	X	X
3636c	37c Flag (Convertible BK stamp, Die cut 10.4x10.8, Mottled tag)	X	X
3749	1c Tiffany Lamp (Sheet, SA 2008)	X	X
3758B	2c Navajo Jewelry (Coil)	X	X
3756A	5c Toleware (Sheet SA)	X	X
3757b	10c Clock (Sheet SA, Peak-Valley)	X	X
3757b	10c Clock (Sheet SA, Valley-Peak)	X	X
3796	(25c) Eagle (Coil, SA dated 2003)	X	X
3837	60c Five Pink Roses	X	X
3874	(5c) Sea Coast (SA, large date 2003)	-	X
3874a	(5c) Sea Coast (SA, small date 2003)	X	-
4495	(5c) Art Deco Bird (Coil, SA)	X	X

Back of the Book

Scott	Stamp	N	L
B1	(32+8) Breast Cancer Research	X	X
C46	80c Airmail Hawaii	X	X
C78	11c Airmail Plane (Sheet stamp)	X	X
C78	11c Airmail Plane (BK stamp)	X	X
C78a	11c Airmail (Pane of 4 + 2 labels)	X	X
C81	21c USA Airmail	X	X
C139	63c Bryce Canyon National Park	X	X
C143	90c Hagatña Bay Guam	X	X
C147	98c Grand Teton Wyoming	X	X
O127	1c Official Mail	X	*)
O128	4c Official Mail	X	*)
O130	17c Official Mail	X	*)
O132	\$1 Official Mail	X	*)
O136	22c Official Mail (Coil, LGG)	X	-
O136	22c Official Mail (Coil, Dull Gum)	X	X

*) Found only on used soaked stamps. Mint stamps shows defiance's in red color, but very faint.

Booklets

BK139	\$1.20	20c Flag (Pane of 6)	X	X
BK140	\$2.00	20c Flag (Pane of 10)	?	X
BK140A	\$4.00	20x20c Flag (2x pane of 10)	?	?
BK142	\$4.00	Bighornsheep booklet cover	X	X
BK146	\$4.40	22c Shells (2x pane of 10)	X	X
BK165	\$3.00	25c Greetings (2x Pane of 6)	X	X
BK168	\$5.00	25c Greetings (2x Pane of 10)	X	X
BK169	\$5.00	25c Love (2x Pane of 10)	X	X
BK181	\$5.00	25c Greetings (2x Pane of 10)	X	X
BK185	\$2,90	F-Flower (pane of 10)	X	?
BK195	\$2,90	29c Flag (pane of 10)	X	X
BK196	\$5,80	29c Flag (pane of 10)	X	X
BK208	\$5.80	29c Flowers (4x Pane of 5)	X	X
3030a	\$6.40	32c Love (Pane of 20)	X	X
3030b	\$3.20	32c Love (Pane of 10)	?	X
2886a	\$5.70	(32c) G-Stamp (Pane of 18)	X	X
3030b	\$6.40	32c Love Angel (Booklet of 20)	X	X
3049a	\$6.40	32c Yellow Rose (Booklet of 20)	X	X
3122a	32c	Statue (Pane of 18, Die cut 11)	X	X
3122E	32c	Statue (Pane of 18, Die 10.5x10.8)	X	X
3012a	\$6.40	32c Angel (Convertible BK of 20)	X	X
BK 291	\$7.40	37c Flag (Vending BK of 20)	X	X
3636c	\$7.40	37c Flag (Convertible DS BK of 20)	X	X
BKC22	\$1.00	11c Airmail (Combination BK)	X	X

Red ? : On Mark's list. I did not find them (Yet?)

Green X: Not sure if they use Luminescent ink or the stamps look like it. In my opinion the type of paper (dead of Low-Fluorescent) has an significant influence on the glow of the ink. But there is an ink difference so they are listed.

Paper Fluorescence and Luminescent Ink Varieties

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USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Notes

USA Specialized Checklist

Paper Fluorescence and Luminescent Ink Varieties

Acknowledgement

Scott Specialized Catalogue of United States Stamps & Covers 2020	Scott Publishing Co.
U.S. Stamps printed on Fluorescent paper	Al Boerger (1971)
US Tagging & Luminescence Database.	http://www.stampsmarter.com/features/Tagging_Home.html
Correspondence with:	Mark Stockburger
Transportation coils differ in papers.	Richard Nazar. Linn's Stamps News 1986
Paper types Chart shows time relationships.	R Nazar, K. Cuniberti, S. Esrati. The Plate Number Jan 1991
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The Plate Number 1992-95, articles from:	Gene Paquette, Alan Thomson, Larry G. Haynes, Ed Denson
Views on Paper types.	R. Nazar, K. Lawrence; J. Shultz, K. Cuniberti, G. Clack and I. Lee.
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Abbreviations

APU	Ashton Potter USA Ltd. (printer)
BK	Booklet
Dead	Dead Paper under LWUV-light
DF	Dull Fluorescent
HB	Hi-brite
HF	High Fluorescent
L	Luminescent ink
LB	Low-brite
LF	Low Fluorescent
Lum	Luminescent
LWUV	Long Wave Ultra Violet (light)
MF	Medium Fluorescent
N	Non-luminescent ink (Dead)
NF	Non-Fluorescent
SA	Self-Adhesive (gum)
SSP	Sennet Security Products (printer)
SWUV	Short Wave Ultra Violet (light)
WAG	Water Activated Gum

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USA Specialized Checklist

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for other **Specialized Checklists**

1994	Old Glory (G-Rate)
1993-1996	Roses
1994-1997	Statue of Liberty
1995-1997	32c Flag over Porch
1995-2003	American Culture
1995-2008	American Scenes
1998-1999	Uncle Sam's Hat (H-rate)
1998-1999	Ring-necked Pheasant
2001-2002	George Washington
2001-2002	American Buffalo
2001-2015	AVR & CCL, Coils Die Cut Varieties
1999-2000	Coral Pink Rose
1999-2000	33c Flag over City
2002-2005	First Class and 37c Flag
2005-2015	American Design Issues
2003-2015	Wildlife Issues
2006	First Class and 39c Lady Liberty
2006	Common Buckeye Butterfly
2007	First Class and 41c Flag
2007-2012	Liberty Bell Forever
1962-2020	Tagging varieties on U.S. Stamps