

# DuPont™ GreenTape™ 951

low temperature co-fired ceramic system

## Product Selector Guide

Co-fired Dielectric Tape Set	
Tape Product	Green Sheet Thickness
951C2	2.0 mils, (50.8 um)
951PT	4.5 mils, (114.3 um)
951P2	6.5 mils, (165.1 um)
951PX	10.0 mils, (254.0 um)
951RT (release tape)	5.0 mils, (127.0 um)

Co-fired Material Sets			
Application	Gold System	Silver System	Mixed Metal System
Via fill	TC501 Au (US only), 5738 Au	6141 Ag	6141 Ag
Via fill, transition	-----	-----	6138 AgPd, 7824 AgPt
Internal signal line	TC502 Au, 5731 Au, 5742 Au	6145 Ag, 6142D Ag	6145 Ag, 6142D Ag
Internal ground plane	TC502 Au, 5731 Au, 5742 Au	6148 Ag, 6142D Ag	6148 Ag, 6142D Ag
External signal line	TC502 Au, 5731 Au, 5742 Au	6146 AgPd, 6146N AgPd, 6142D Ag	5731 Au
External ground plane	TC502 Au, 5731 Au, 5742 Au	6146 AgPd, 6146N AgPd, 6142D Ag	5731 Au
Wire bondable - 1 & 2 mil Au	TC502 Au, 5731 Au	-----	5731 Au
Wire bondable - 1 mil Au & Al	5742 Au	-----	5742 Au
Solderable conductor	5739 AuPt	6146 AgPd, 6146N AgPd	4597 AuPtPd
Platable, (NiAu)	-----	6118A Ag, 6132 Ag, 6154 Ag	6118A Ag, 6132 Ag, 6154 Ag
Buried resistor	CF0XX Series	CF0XX Series	CF0XX Series
Buried capacitor, (tape layer)	951C2	951C2	951C2
Capacitor electrode	-----	6142D Ag	6142D Ag
Encapsulant/overglaze	9615	9615	9615



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Post Fired Material Sets			
Application	Gold System	Silver System	Mixed Metal System
Via fill	-----	6143 AgPd	-----
External signal line	5771 Au	6277 AgPd, 7484 AgPd	5771 Au
External ground plane	5771 Au	6277 AgPd, 7484 AgPd	5771 Au
Wire bondable - 1 & 2 mil Au	5771 Au	-----	5771 Au
Wire bondable - 1 - 10 mil Al	5771 Au	-----	5771 Au
Solderable conductor	4597 AuPtPd	7484 AgPd	4597 AuPtPd
Platable , (NiAu)	-----	6119 Ag, 1029 AgPt	6119 Ag, 1029 AgPt
Resistor	7200 Series	7200 Series	7200 Series
Braze adhesion layer	5062D Au	5081 AgPt	5062D Au
Braze barrier layer	5063D Au	5082 AgPt	5063D Au
Braze solder alloy	5087	5087	5087
Encapsulant/overglaze	QQ550	QQ550	QQ550
Fodel® conductor	5989 Au	-----	-----

Note: This Selector Guide represents a small cross-section of the DuPont™ GreenTape™ product line. For more information on products not listed here, please contact your local DuPont Sales Representative.

**Please note: Not all products are available in all regions. Contact us to discuss your specific needs.**

For more information on the DuPont™ GreenTape™ 951 low temperature co-fired ceramic system or other DuPont Microcircuit Materials products, please contact your local representative:

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