



PRODUCT BROCHURE

ESD-SAFE SWABS

Transplex® Series

TX740E | TX750D | TX750E | TX752E | TX753E | TX754E | TX755D | TX757E | TX758E | TX759E | TX761D
TX768D | TX768T | TX769E



Texwipe's ESD-Safe Swab Series features a Stat-Rite® handle, a patented Inherently Dissipative Polymer, to provide clean ESD protection without contributing particulate contaminants to the process or environment. The complete thermal bond construction eliminates the risk of adhesive contamination. Cleanroom processed and packaged in an anti-static bag.

ESD-Safe Transplex® CleanFoam® Series

Part No. TX740E



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
6.0 mm (0.236")	4.6 mm (0.181")	16.2 mm (0.638")	3.2 mm (0.126")	3.2 mm (0.126")	146.9 mm (5.783")	163.1 mm (6.421")

Packaging – 100 swabs/bag, 10 bags/case, total 1,000 swabs/case

Part No. TX750D



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
3.4 mm (0.134")	3.4 mm (0.134")	10.0 mm (0.394")	2.5 mm (0.098")	2.5 mm (0.098")	66.0 mm (2.598")	76.0 mm (2.992")

Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 5 bags/case, total 2,500 swabs/case

Part No. TX750E



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
3.3 mm (0.130")	3.3 mm (0.130")	10.0 mm (0.394")	3.0 mm (0.118")	3.0 mm (0.118")	78.0 mm (3.071")	88.0 mm (3.465")

Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 5 bags/case, total 2,500 swabs/case

Part No. TX751E



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
3.8 mm (0.150")	3.8 mm (0.150")	16.1 mm (0.634")	2.4 mm (0.094")	2.4 mm (0.094")	50.9 mm (2.004")	67.0 mm (2.638")

Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 5 bags/case, total 2,500 swabs/case

Part No. TX752E



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
3.5 mm (0.138")	3.5 mm (0.138")	20.0 mm (0.787")	2.4 mm (0.094")	2.4 mm (0.094")	49.6 mm (1.953")	69.6 mm (2.740")

Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 5 bags/case, total 2,500 swabs/case

Part No. TX753E



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
3.7 mm (0.146")	3.4 mm (0.134")	9.2 mm (0.362")	3.0 mm (0.118")	3.0 mm (0.118")	80.3 mm (3.150")	89.5 mm (3.523")

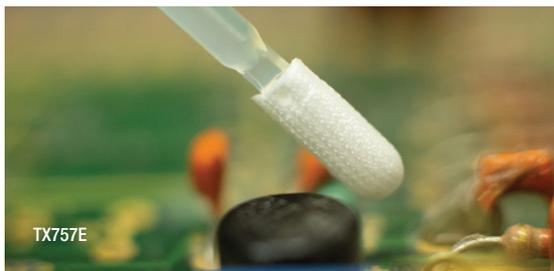
Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 5 bags/case, total 2,500 swabs/case

Part No. TX757E



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
3.6 mm (0.142")	3.3 mm (0.130")	10.0 mm (0.394")	3.0 mm (0.118")	3.0 mm (0.118")	80.7 mm (3.177")	90.7 mm (3.571")

Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 5 bags/case, total 2,500 swabs/case



ESD-Safe Transplex® Alpha® Series

Part No. **TX754E**



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
3.7 mm (0.146")	3.6 mm (0.142")	9.0 mm (0.354")	3.0 mm (0.118")	3.0 mm (0.118")	80.5 mm (3.169")	89.5 mm (3.524")

Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 40 bags/case, total 20,000 swabs/case

Part No. **TX755D**



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
3.7 mm (0.146")	2.5 mm (0.098")	10.5 mm (0.413")	3.0 mm (0.118")	3.0 mm (0.118")	64.5 mm (2.539")	75.0 mm (2.953")

Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 50 bags/case, total 25,000 swabs/case

Part No. **TX758E**



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
4.1 mm (0.161")	3.0 mm (0.118")	9.8 mm (0.386")	3.0 mm (0.118")	3.0 mm (0.118")	80.4 mm (3.165")	90.2 mm (3.551")

Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 5 bags/case, total 2,500 swabs/case

Part No. **TX759E**



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
4.0 mm (0.157")	2.6 mm (0.102")	10.0 mm (0.394")	3.0 mm (0.118")	3.0 mm (0.118")	80.5 mm (3.169")	90.5 mm (3.563")

Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 5 bags/case, total 2,500 swabs/case

Part No. **TX761D**



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
7.0 mm (0.276")	3.6 mm (0.142")	16.8 mm (0.661")	3.0 mm (0.118")	3.0 mm (0.118")	147.7 mm (5.815")	164.5 mm (6.476")

Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 5 bags/case, total 2,500 swabs/case

ESD-Safe Transplex® Series

Part No. **TX768D**



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
0.2 mm (0.008")	0.2 mm (0.008")	9.0 mm (0.354")	2.6 mm (0.102")	2.6 mm (0.102")	59.0 mm (2.323")	68.0 mm (2.677")

Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 60 bags/case, total 30,000 swabs/case

Part No. **TX768T**



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
0.1 mm (0.004")	0.1 mm (0.008")	9.0 mm (0.354")	2.6 mm (0.102")	2.6 mm (0.102")	59.0 mm (2.323")	68.0 mm (2.677")

Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 60 bags/case, total 30,000 swabs/case

Part No. **TX769E**



Head Width	Head Thickness	Head Length	Handle Width	Handle Thickness	Handle Length	Total Swab Length
1.0 mm (0.039")	1.0 mm (0.039")	9.6 mm (0.378")	2.4 mm (0.118")	2.4 mm (0.118")	56.5 mm (2.224")	66.1 mm (2.602")

Packaging – 500 swabs/bag, 5 inner bags of 100 swabs, 5 bags/case, total 2,500 swabs/case

ESD-Safe Transplex® CleanFoam® Series

Physical Characteristics

	TX740E	TX750D	TX750E	TX751E	TX752E	TX753E	TX757E
Head material	100 ppi CleanFoam®	100 ppi CleanFoam®	100 ppi CleanFoam®	100 ppi CleanFoam®	100 ppi CleanFoam®	100 ppi CleanFoam®	100 ppi CleanFoam®
Handle material	Stat-Rite®	Stat-Rite®	Stat-Rite®	Stat-Rite®	Stat-Rite®	Stat-Rite®	Stat-Rite®
Head bond	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal
Handle color	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent
Design notes	Flexible head paddle; long handle	Precision pointed tip; compact handle	Precision pointed tip; compact handle	Precision pointed tip; side ridges; compact handle	Precision pointed tip; side ridges; compact handle	Rigid head core; compact handle	Flexible head paddle; compact handle

Contamination Characteristics*

	TX740E	TX750D	TX750E	TX751E	TX752E	TX753E	TX757E
Particles /Fibers							
LPC @ 0.5 um (particles/swab)	4,182	2,798	2,486	2,486	3,825	2,806	3,137
Non-Volatile Residue							
NVR in IPA (mg/swabs)	0.0100	0.0088	0.0100	0.0100	0.0050	0.0075	0.0114
NVR in DIW (mg/swabs)	0.0055	0.0087	0.0110	0.0110	0.0000	0.0071	0.0078
Pull test (IPA)	399	N/A	N/A	N/A	N/A	267	243
Pull test (Dry)	727	N/A	N/A	N/A	N/A	407	403
Absorbency Capacity	N/A						
Absorbency Rate	N/A						
ESD Resistivity							
Resistivity	2.90E+10	1.37E+10	1.08E+10	1.08E+10	2.10E+10	1.14E+10	1.57E+10
Ion Chromatography (ug/swabs)							
Anions							
Fluoride	0.0051	0.0015	0.0014	0.0014	0.0003	0.0018	0.0017
Chloride	0.0012	0.0007	0.0010	0.0010	0.0003	0.0013	0.0009
Nitrite	0.0002	0.0023	0.0015	0.0015	0.0004	0.0024	0.0023
Bromide	0.0062	0.0014	0.0019	0.0019	0.0007	0.0020	0.0018
Nitrate	0.0000	0.0018	0.0020	0.0020	0.0004	0.0023	0.0019
Phosphate	0.0001	0.0015	0.0009	0.0009	0.0003	0.0012	0.0017
Sulfate	0.0011	0.0011	0.0010	0.0010	0.0006	0.0013	0.0010
TOTAL ANIONS	0.0020	0.0015	0.0014	0.0014	0.0004	0.0018	0.0016
Cations							
Lithium	0.0046	0.0012	0.0016	0.0016	0.0003	0.0007	0.0008
Sodium	0.0009	0.0017	0.0009	0.0009	0.0003	0.0016	0.0016
Ammonium	0.0031	0.0022	0.0026	0.0026	0.0005	0.0023	0.0023
Potassium	0.0046	0.0014	0.0011	0.0011	0.0006	0.0014	0.0019
Calcium	0.0018	0.0010	0.0009	0.0009	0.0004	0.0009	0.0012
Magnesium	0.0007	0.0017	0.0010	0.0010	0.0005	0.0016	0.0016
FTIR Analysis							
Silicone	Non-Detected						
Amide	Non-Detected						
Functionality Test	Passed						

ESD-Safe Transplex® Alpha® Series

Physical Characteristics

	TX754E	TX755D	TX758E	TX759E	TX761D	TX768D	TX768T	TX769E
Head material	Alpha® Polyester Knit	Alpha® Polyester Knit	Alpha® Polyester Knit	Alpha® Polyester Knit	Alpha® Polyester Knit	N/A	N/A	N/A
Handle material	Stat-Rite®	Stat-Rite®	Stat-Rite®	Stat-Rite®	Stat-Rite®	Stat-Rite®	Stat-Rite®	Stat-Rite®
Head bond	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal	Thermal
Handle color	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent
Design notes			Flexible head paddle; compact handle		Flexible head paddle; long handle	Semi-rigid precision point	Semi-rigid precision point	Semi-rigid precision point

ESD-Safe Transplex® Series

Contamination Characteristics*

	TX754E	TX755D	TX758E	TX759E	TX761D	TX768D	TX768T	TX769E
Particles /Fibers								
LPC @ 0.5 um (particles/swab)	3,791	2,453	3,116	2,968	3,454	2,538	3,223	3,117
Non-Volatile Residue								
NVR in IPA (mg/swabs)	0.0333	0.0060	0.0069	0.0060	0.0081	0.0250	0.0100	0.0200
NVR in DIW (mg/swabs)	0.0000	0.0059	0.0051	0.0059	0.0110	0.0073	0.0037	0.0037
Pull test (IPA)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Pull test (Dry)	362	301	373	N/A	831	N/A	N/A	N/A
Absorbency Capacity	63	53	66.00	53	137	N/A	N/A	N/A
Absorbency Rate	0.29	0.22	0.24	0.20	0.25	N/A	N/A	N/A
ESD Resistivity								
Resistivity	1.72E +10	1.54E+10	1.73E+10	1.78E+10	1.71E+10	1.01E+10	1.90E+10	1.78E+10
Ion Chromatography (ug/swabs)								
Anions								
Fluoride	0.0067	0.0012	0.0016	0.0018	0.0022	0.0020	0.0018	0.0019
Chloride	0.0323	0.0008	0.0011	0.0010	0.0016	0.0014	0.0021	0.0006
Nitrite	0.0011	0.0019	0.0022	0.0020	0.0031	0.0017	0.0028	0.0024
Bromide	0.0064	0.0008	0.0017	0.0024	0.0032	0.0024	0.0032	0.0028
Nitrate	0.0014	0.0013	0.0017	0.0023	0.0030	0.0016	0.0025	0.0022
Phosphate	0.0615	0.0011	0.0011	0.0014	0.0019	0.0006	0.0019	0.0009
Sulfate	0.0082	0.0006	0.0011	0.0017	0.0017	0.0015	0.0016	0.0016
TOTAL ANIONS	0.0168	0.0011	0.0015	0.0018	0.0024	N/A	N/A	N/A
Cations								
Lithium	0.0001	0.0007	0.0006	0.0013	0.0008	0.0005	0.0009	0.0003
Sodium	0.2293	0.0017	0.0016	0.0014	0.0022	0.0015	0.0015	0.0013
Ammonium	0.0034	0.0021	0.0021	0.0025	0.0037	0.0029	0.0029	0.0035
Potassium	0.0031	0.0017	0.0016	0.0016	0.0020	0.0013	0.0013	0.0009
Calcium	0.0104	0.0009	0.0010	0.0010	0.0013	0.0007	0.0016	0.0008
Magnesium	0.0005	0.0019	0.0019	0.0017	0.0023	0.0017	0.0017	0.0016
FTIR Analysis								
Silicone	Non-Detected	Non-Detected	Non-Detected	Non-Detected	Non-Detected	N/A	N/A	N/A
Amide	Non-Detected	Non-Detected	Non-Detected	Non-Detected	Non-Detected	N/A	N/A	N/A
Functionality Test	Passed	Passed	Passed	Passed	Passed	N/A	N/A	N/A

Products

Number	Total Swab Length	Head Material	Packaging	Case	Total Swabs
ESD-Safe Transplex® CleanFoam® Series					
TX740E	165.0 mm (6.496")	100 ppi CleanFoam®	100 swabs/bag	10 bags	1,000 swabs
TX750D	76.0 mm (2.992")	100 ppi CleanFoam®	500 swabs/bag, 5 inner bags of 100 swabs	5 bags	2,500 swabs
TX750E	88.5 mm (3.484")	100 ppi CleanFoam®	500 swabs/bag, 5 inner bags of 100 swabs	5 bags	2,500 swabs
TX751E	66.7 mm (2.626")	100 ppi CleanFoam®	500 swabs/bag, 5 inner bags of 100 swabs	5 bags	2,500 swabs
TX752E	70.0 mm (2.756")	100 ppi CleanFoam®	500 swabs/bag, 5 inner bags of 100 swabs	5 bags	2,500 swabs
TX753E	90.0 mm (3.543")	100 ppi CleanFoam®	500 swabs/bag, 5 inner bags of 100 swabs	5 bags	2,500 swabs
TX757E	90.7 mm (3.571")	100 ppi CleanFoam®	500 swabs/bag, 5 inner bags of 100 swabs	5 bags	2,500 swabs
ESD-Safe Transplex® Alpha® Series					
TX754E	90.0 mm (3.543")	Alpha® Polyester Knit	500 swabs/bag, 5 inner bags of 100 swabs	40 bags	20,000 swabs
TX755D	75.5 mm (2.97")	Alpha® Polyester Knit	500 swabs/bag, 5 inner bags of 100 swabs	50 bags	25,000 swabs
TX758E	88.5 mm (3.484")	Alpha® Polyester Knit	500 swabs/bag, 5 inner bags of 100 swabs	5 bags	2,500 swabs
TX759E	91.0 mm (3.583")	Alpha® Polyester Knit	500 swabs/bag, 5 inner bags of 100 swabs	5 bags	2,500 swabs
TX761D	88.5 mm (3.484")	Alpha® Polyester Knit	500 swabs/bag, 5 inner bags of 100 swabs	5 bags	2,500 swabs
ESD-Safe Transplex® Series					
TX768D	68.0 mm (2.677")	N/A	500 swabs/bag, 5 inner bags of 100 swabs	60 bags	30,000 swabs
TX768T	68.0 mm (2.677")	N/A	500 swabs/bag, 5 inner bags of 100 swabs	60 bags	30,000 swabs
TX769E	88.5 mm (3.484")	N/A	500 swabs/bag, 5 inner bags of 100 swabs	5 bags	2,500 swabs



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