

## DLA/ARMY SHADE TOLERANCE PROJECT

March 5, 2026

Fabric Nomenclature

CLOTH, WIND RESISTANT POPLIN, NYCO,  
PERMETHRIN TREATEDMIL-DTL-44436  
(CLASS 14)

Shade Number

OCP

Piece/Roll Number

3963

Equipment Type

HUNTER ULTRA SCAN PRO

Setting

Mode: Specular Included -  
Reflectance  
UV Filter – OUT UV Lamp OFF

Tolerance	ID	Descriptor	L*	a*	b*	c	h	dL*	da*	db*	dEcmc*
	TAN 525	STANDARD	59.07	5.17	14.51						
1	3963K	FULL RED LIMIT						-2.18	0.95	-0.37	1.74
	OLIVE 527	STANDARD	49.45	-0.18	18.99						
	DARK GREEN 528	STANDARD	40.99	-3.18	13.77						
4	3963H	FULL LIMIT						-2.41	-0.43	-0.96	1.54
5	3963I	BLUE LIMIT						-0.20	-0.44	-1.57	1.34
	BROWN 529	STANDARD	38.96	6.60	14.27						
6	3963D	FULL RED LIMIT						-2.25	1.54	-0.94	3.03
7	3963F	FULL BLUE LIMIT						-2.31	-0.47	-1.96	1.93
8	3963G	FULL GREEN LIMIT						-1.41	-0.70	-0.10	1.21
	DARK CREAM 559	STANDARD	60.92	1.71	10.45						
11	3963M	FULL BLUE LIMIT						-1.93	-0.22	-1.33	1.36

12	3963N	FULL YELLOW-GREEN LIMIT						-2.76	-0.37	1.37	1.76
13	3963O	THIN ORANGE LIMIT						0.94	1.29	1.10	1.88
	LIGHT SAGE 560	STANDARD	54.68	0.65	14.07						
14	3963Q	YELLOW LIMIT						0.12	-0.08	1.07	0.78
	BARK BROWN 561	STANDARD	28.30	4.83	2.71						
15	3963A	ORANGE LIMIT						-0.20	0.60	1.94	2.42
16	3963B	THIN BLUE LIMIT						0.18	-0.19	-0.78	1.02
17	3963C	FULL BLUE-GREEN LIMIT						-2.30	-0.81	-0.60	1.82
COMMENTS:											
NUMBERS ARE FOR REFERENCE ONLY											