

Table 2. REDI Recommended long-term (T_{al} , $T_{CONN-al}$) and design (T_a , T_{a-c}) loads for Tensar MSE-series geogrids with gravelly sand backfill.

Geogrid	UX1400MSE	UX1500MSE	UX1600MSE	UX1700MSE
T_{ult} (lb/ft)	4800	7810	9870	11990
Short-Term Connection Efficiency	0.91	1.00	0.95	0.90
Short-Term to Long-Term Connection Ratio	1.01	1.01	1.01	1.043
CR_u	0.90	0.99	0.94	0.86
RF_{CR}	2.65	2.65	2.65	2.65
RF_D	1.10	1.10	1.10	1.10
RF_{ID} - at Connection	1.0	1.0	1.0	1.0
RF_{ID} - in Backfil	1.15	1.10	1.10	1.10
$T_{CONN-al}$	1484	2653	3185	3549
T_{al}	1432	2436	3078	3739
Controlling Strength	T_{al}	T_{al}	T_{al}	$T_{CONN-al}$
	1432	2436	3078	3549
FS	1.50	1.50	1.50	1.50
Allowable Design Load	955	1624	2052	2366
Controlled By	T_a	T_a	T_a	T_{a-c}