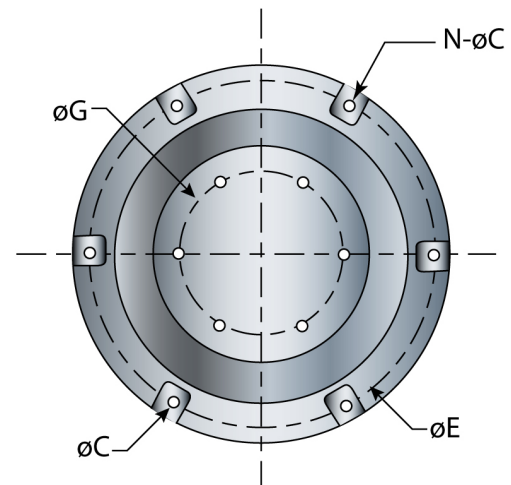
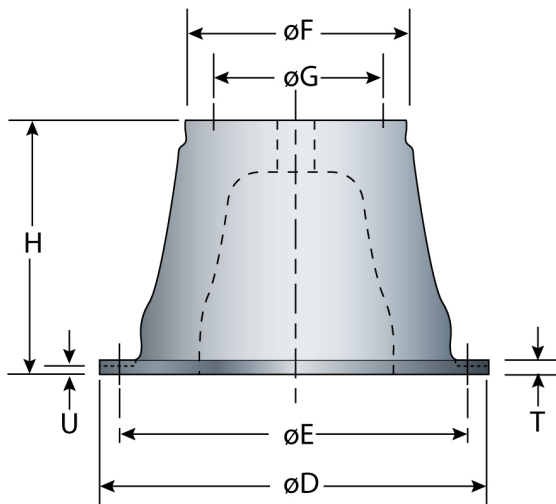


Cone fenders are an improved version of Cell type Fender recently introduced and recommended for all type of applications including high tidal variation sites. Fendguard's cone type fender has the highest energy to reaction ratios of any fender currently in use. Its refined geometry and conical shape result in a number of outstanding performance characteristics which include:

- Exceptionally good energy absorption to reaction force ratio (E/R)
- High efficiency for designs to incorporate smaller, less costly cone fenders instead of larger, less efficient rubber body
- Deflection of 70% of its height and provides great flexibility in its application to operators
- High shear stability which allows the fender to carry even larger panel weights without using chains
- Very good inherent resistance against shear forces due to its geometry and self-centering characteristics
- Typically utilized with a complete fender panel system, but can also be used within a pile support system



Model	H	ØD	ØE PCD	ØF	uG PCD	T	U	N - ØC	Bolt Size
Metric	1200	1800	1620	1020	780	54	44	8-50	M42
Imperial	47.2	70.9	63.8	40.2	30.7	2.13	1.73	8-1.97	M42

STANDARD RUBBER GRADE PERFORMANCE

CN-FG-1200	G4		G3		G2		G1	
	R (kN)	E (kN-m)	R (kN)	E (kN-m)	R (kN)	E (kN-m)	R (kN)	E (kN-m)
Metric	1765	1124	1412	900	1130	756	904	605
Imperial	397	829	317	664	254	557	203	446

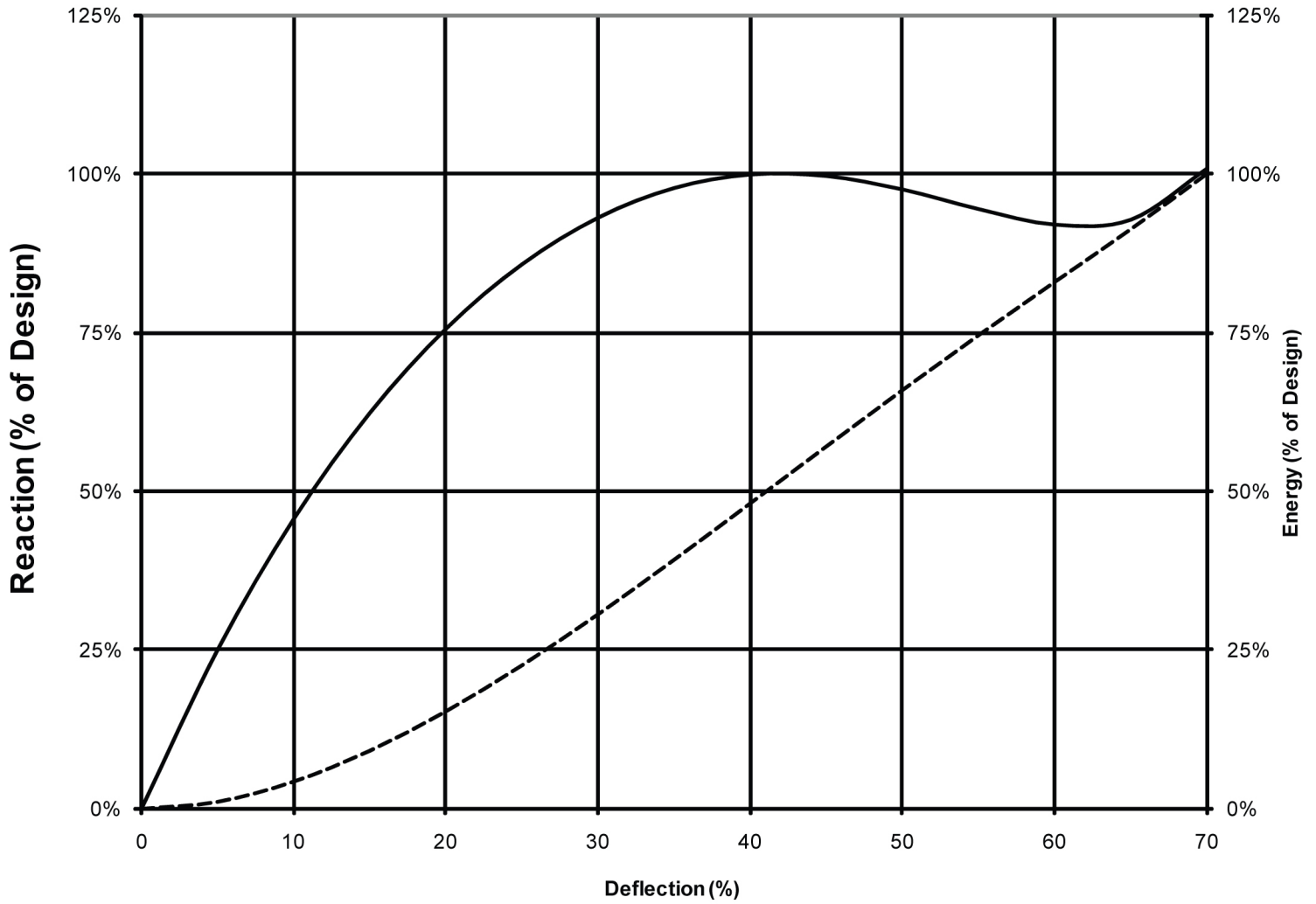
INTERMEDIATE RUBBER GRADES

Metric Units are in kN and kn-m Imperial units are in kips and ft-kips

Grade	Reaction/Energy	Metric	Imperial	Grade	Reaction/Energy	Metric	Imperial
G0.7	R	836	188	G2.4	R	1243	279
	E	560	413		E	814	600
G0.8	R	859	193	G2.5	R	1271	286
	E	575	424		E	828	611
G0.9	R	881	198	G2.6	R	292	292
	E	590	435		E	842	621
G1	R	904	203	G2.7	R	1327	298
	E	605	446		E	857	632
G1.1	R	927	208	G2.8	R	1356	305
	E	620	457		E	871	643
G1.2	R	949	213	G2.9	R	1384	311
	E	635	468		E	886	653
G1.3	R	972	218	G3	R	1412	317
	E	650	480		E	900	664
G1.4	R	994	224	G3.1	R	1447	325
	E	665	491		E	922	680
G1.5	R	1017	229	G3.2	R	1483	333
	E	681	502		E	945	697
G1.6	R	1040	234	G3.3	R	1518	341
	E	696	513		E	967	713
G1.7	R	1062	239	G3.4	R	1553	349
	E	711	524		E	990	730
G1.8	R	1085	244	G3.5	R	1589	357
	E	726	535		E	1012	746
G1.9	R	1107	249	G3.6	R	1624	365
	E	741	546		E	1034	763
G2	R	1130	254	G3.7	R	1659	373
	E	756	558		E	1057	779
G2.1	R	1158	260	G3.8	R	1694	381
	E	770	568		E	1079	796
G2.2	R	1186	267	G3.9	R	1730	389
	E	785	579		E	1102	812
G2.3	R	1215	273	G4	R	1765	397
	E	799	589		E	1124	829

GENERALIZED PERFORMANCE CURVE-CONE FENDER

— Reaction - - - Energy



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