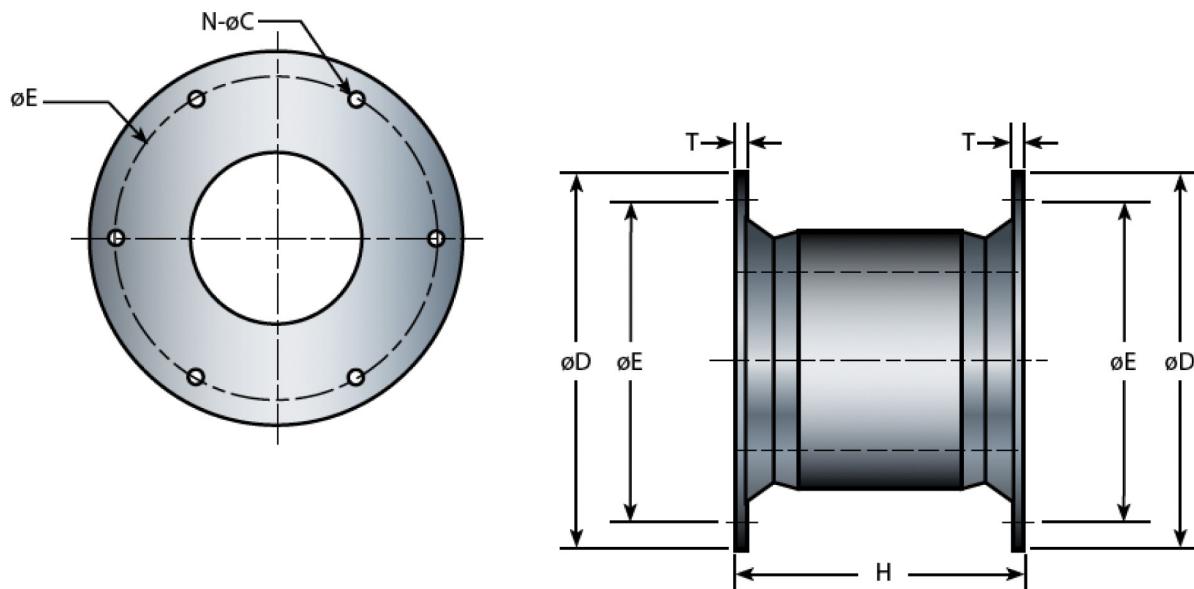


Cell fenders are the most durable rubber fenders available and are currently the largest moulded fenders made. Among all types of fenders, cell fenders offer minimum reaction per ton-meter energy absorbed. The very geometrical shape gives it sturdiness, shear resistance, compact structure and the capacity to absorb energy equally from all directions. Fendguard's cell type fenders are available in the widest range of sizes with characteristics including:

- Good energy absorption to reaction force ratio (E/R)
- Integrated and fully-embedded fender flanges make assembly and installation simple
- Good shear force resistance due to the large diameter of the fender flanges
- Large fender footprint with good force distribution could lead to relative light panel construction



Model	H	$\phi D$	$\phi E$ PCD	T	N - $\phi C$	Bolt Size
Metric (mm)	500	650	550	25	4-32	M24
Imperial (in)	19.7	25.6	21.7	0.98	4-1.26	7/8

## STANDARD RUBBER GRADE PERFORMANCE

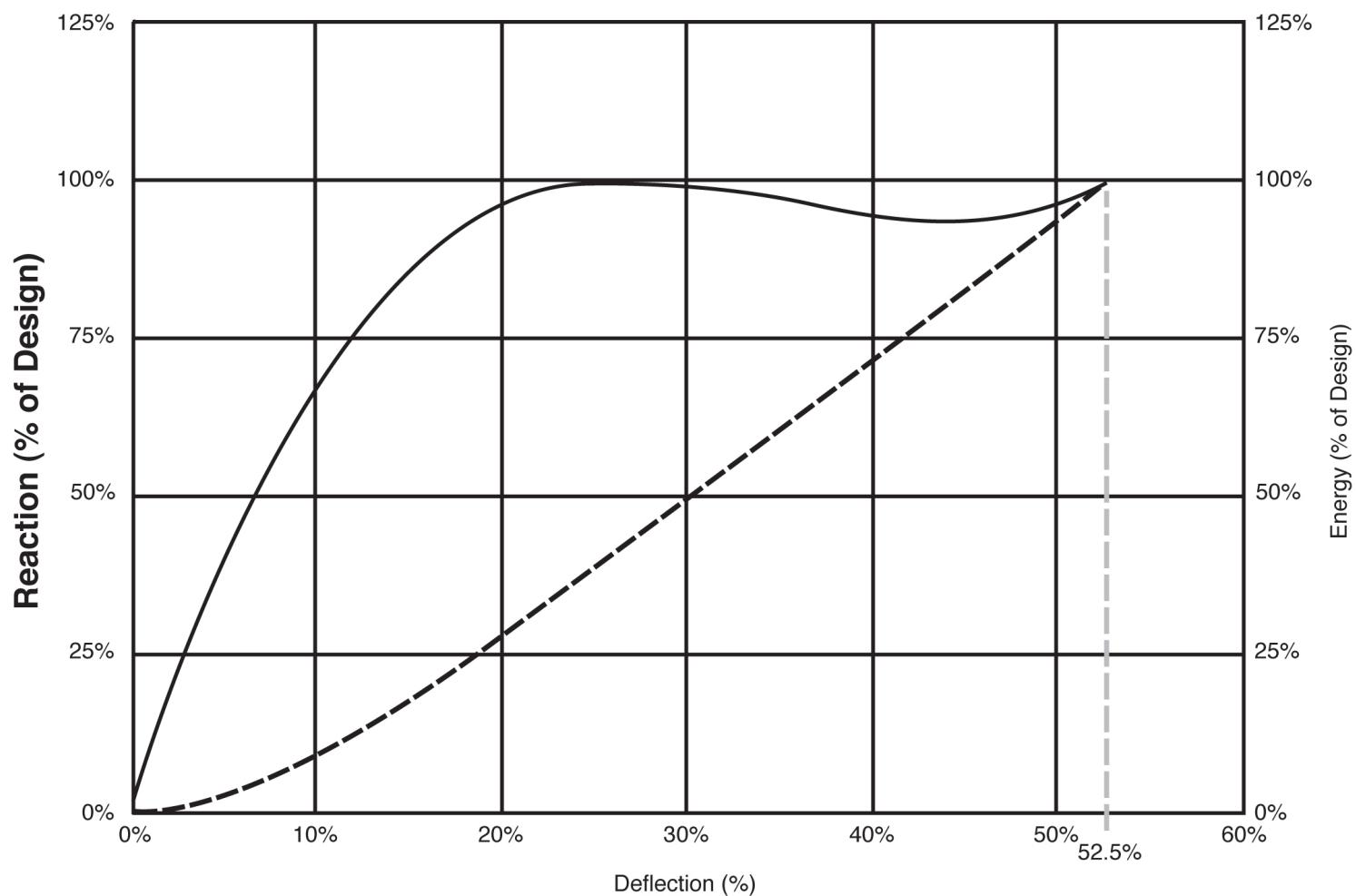
CL-FG-500	G4		G3		G2		G1		G0	
	R	E	R	E	R	E	R	E	R	E
Metric (kN : kN-m)	182	40.2	162	35.6	140	30.1	108	23.4	86.3	17.8
Imperial (k : ft-kips)	40.9	29.6	36.4	26.2	31.5	22.2	24.3	17.2	19.4	13.1

## 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
G0.1	R	88.5	19.9	G2.1	R	149	33.5
	E	18.4	13.5		E	32.3	23.8
G0.2	R	90.6	20.4	G2.2	R	151	33.9
	E	18.9	13.9		E	32.9	24.2
G0.3	R	92.8	20.9	G2.3	R	34.4	34.4
	E	19.5	14.4		E	33.4	24.6
G0.4	R	95.0	21.4	G2.4	R	149	33.5
	E	20.0	14.8		E	32.3	23.8
G0.5	R	97.2	21.8	G2.5	R	151	33.9
	E	20.6	15.2		E	32.9	24.2
G0.6	R	99.3	22.3	G2.6	R	34.4	34.4
	E	21.2	15.6		E	33.4	24.6
G0.7	R	101	22.8	G2.7	R	155	34.9
	E	21.7	16.0		E	34.0	25.0
G0.8	R	104	23.3	G2.8	R	158	35.4
	E	22.3	16.4		E	34.5	25.4
G0.9	R	106	23.8	G2.9	R	160	35.9
	E	22.8	16.8		E	35.1	25.8
G1.0	R	108	24.3	G3	R	162	36.4
	E	23.4	17.2		E	35.6	26.2
G1.1	R	111	25.0	G3.1	R	164	36.9
	E	24.1	17.7		E	36.1	26.6
G1.2	R	114	25.7	G3.2	R	166	37.3
	E	24.7	18.2		E	36.5	26.9
G1.3	R	118	26.4	G3.3	R	168	37.8
	E	25.4	18.7		E	37.0	27.3
G1.4	R	121	27.2	G3.4	R	170	38.2
	E	26.1	19.2		E	37.4	27.6
G1.5	R	124	27.9	G3.5	R	172	38.7
	E	26.8	19.7		E	37.9	27.9
G1.6	R	127	28.6	G3.6	R	174	39.1
	E	27.4	20.2		E	38.4	28.3
G1.7	R	130	29.3	G3.7	R	176	39.6
	E	28.1	20.7		E	38.8	28.6
G1.8	R	134	30.0	G3.8	R	178	40.0
	E	28.8	21.2		E	39.3	28.9
G1.9	R	137	30.8	G3.9	R	180	40.5
	E	29.4	21.7		E	39.7	29.3
G2	R	140	31.5	G4	R	182	40.9
	E	30.1	22.2		E	40.2	29.6

### GENERALIZED PERFORMANCE CURVE-CELL FENDER

— Reaction    - - - Energy



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