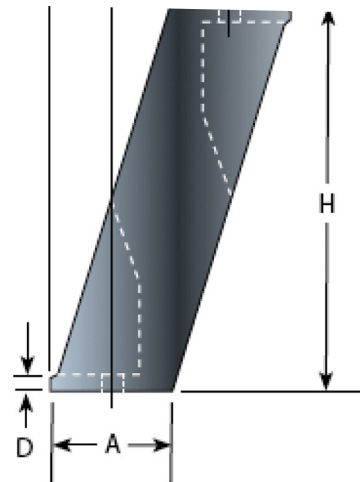
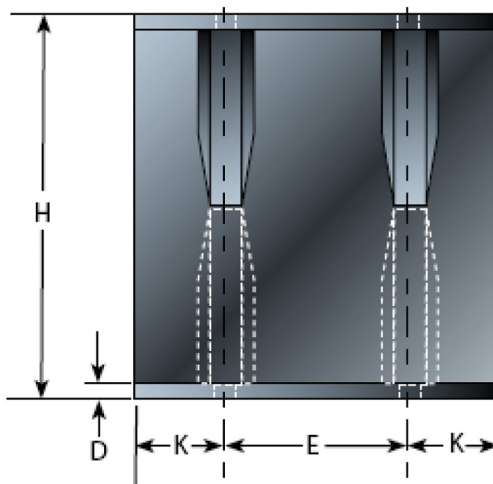


Element fenders are fully moulded rubber legs with embedded mounting plates. Fendguard's element type fenders are high performance units which are extremely compact and versatile. These fenders can also be used with a UHMW-PE shield to provide a low cost alternative to an arch type fender. The major characteristics of Fendguard's element type fender include:

- Good energy absorption to reaction force ratio (E/R)
- High energy absorption per weight of rubber
- A narrower footprint than traditional leg fenders which allows for a multitude of configurations
- Can be fixed behind a panel or a pile and can be provided in varying lengths
- Vertically and horizontally mounted elements may be combined in one system



Model	H	A	B	C	W	D	K	E	Bolt Size
Metric	300	94	94	47	188	15	200	2 X 300	M20
Imperial	11.8	3.70	3.70	1.85	7.40	0.59	7.87	2 X 11.8	3/4

STANDARD RUBBER GRADE PERFORMANCE

EM-FG-300	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	160	22.1	136	18.8	112	15.5	88.2	12.2
Imperial	36.0	16.3	30.6	13.8	25.2	11.4	19.8	8.99

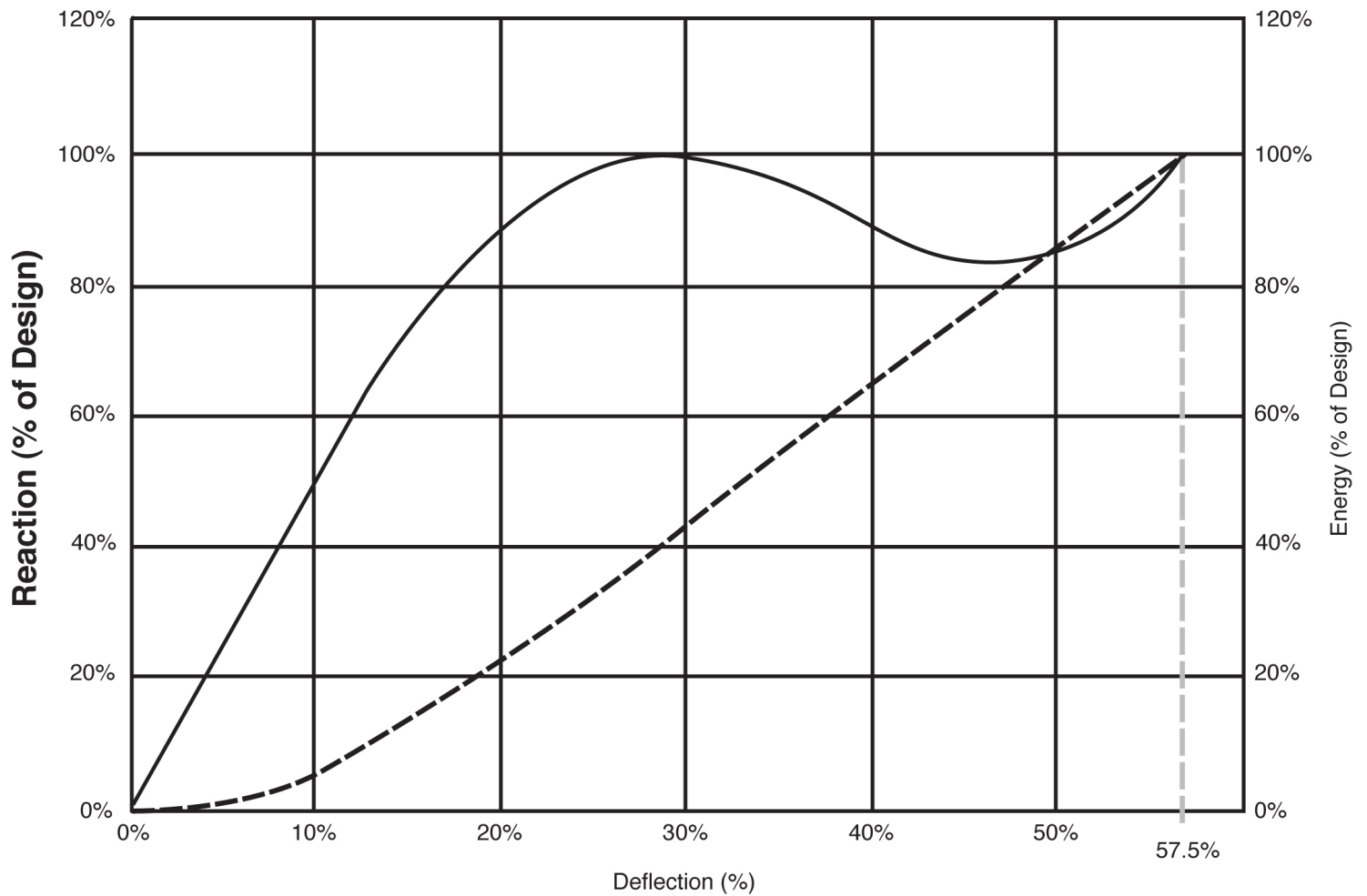
INTERMEDIATE RUBBER GRADES

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	80.8	18.2	G2.4	R	122	27.3
	E	11.2	8.3		E	16.8	12.4
G0.8	R	83.2	18.7	G2.5	R	124	27.9
	E	11.5	8.5		E	17.2	12.6
G0.9	R	85.6	19.2	G2.6	R	28.4	28.4
	E	11.9	9		E	17.5	12.9
G1	R	88.0	19.8	G2.7	R	129	29.0
	E	12.2	9.0		E	17.8	13.1
G1.1	R	90.4	20.3	G2.8	R	131	29.5
	E	12.5	9.2		E	18.1	13.4
G1.2	R	92.8	20.9	G2.9	R	134	30.0
	E	12.9	9.51		E	18.5	13.6
G1.3	R	95.2	21.4	G3	R	136	30.6
	E	13.2	9.7		E	18.8	13.9
G1.4	R	97.6	21.9	G3.1	R	138	31.1
	E	13.5	10.0		E	19.1	14.1
G1.5	R	100	22.5	G3.2	R	141	31.7
	E	13.9	10.2		E	19.5	14.3
G1.6	R	102	23.0	G3.3	R	143	32.2
	E	14.2	10.5		E	19.8	14.6
G1.7	R	105	23.6	G3.4	R	146	32.7
	E	14.5	10.7		E	20.1	14.8
G1.8	R	107	24.1	G3.5	R	148	33.3
	E	14.8	10.9		E	20.5	15.1
G1.9	R	110	24.6	G3.6	R	150	33.8
	E	15.2	11.2		E	20.8	15.3
G2	R	112	25.2	G3.7	R	153	34.4
	E	15.5	11.4		E	21.1	15.6
G2.1	R	114	25.7	G3.8	R	155	34.9
	E	15.8	11.7		E	21.4	15.8
G2.2	R	117	26.3	G3.9	R	158	35.4
	E	16.2	11.9		E	21.8	16.0
G2.3	R	119	26.8	G4	R	160	36.0
	E	16.5	12.2		E	22.1	16.3

GENERALIZED PERFORMANCE CURVE-ELEMENT FENDER

— Reaction --- Energy



www.fendguard.com

Toll Free: 1-888-219-0418
Tel: (604) 273-4557

Fax: 1-888-845-9522 / (604) 273-1006
E-mail: sales@fendguard.com