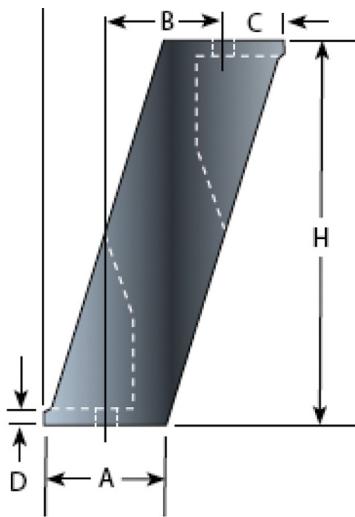
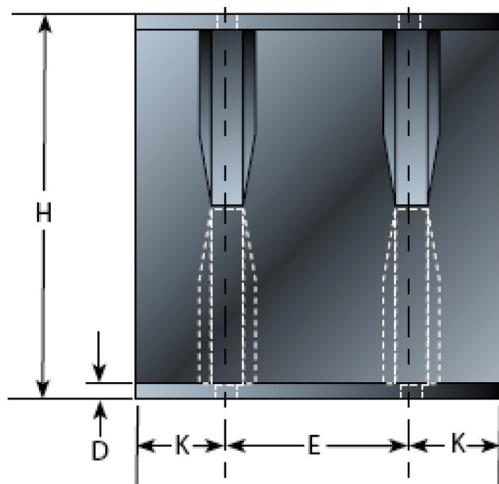


Element fenders are fully moulded rubber legs with embedded mounting plates. Fendguard's element type fenders are high performance units which are extremely compact and versatile. These fenders can also be used with a UHMW-PE shield to provide a low cost alternative to an arch type fender. The major 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	600	188	199	87	373	20	250	500	M30
Imperial	23.6	7.40	7.83	3.43	14.7	0.79	9.84	19.7	1-1/8

## STANDARD RUBBER GRADE PERFORMANCE

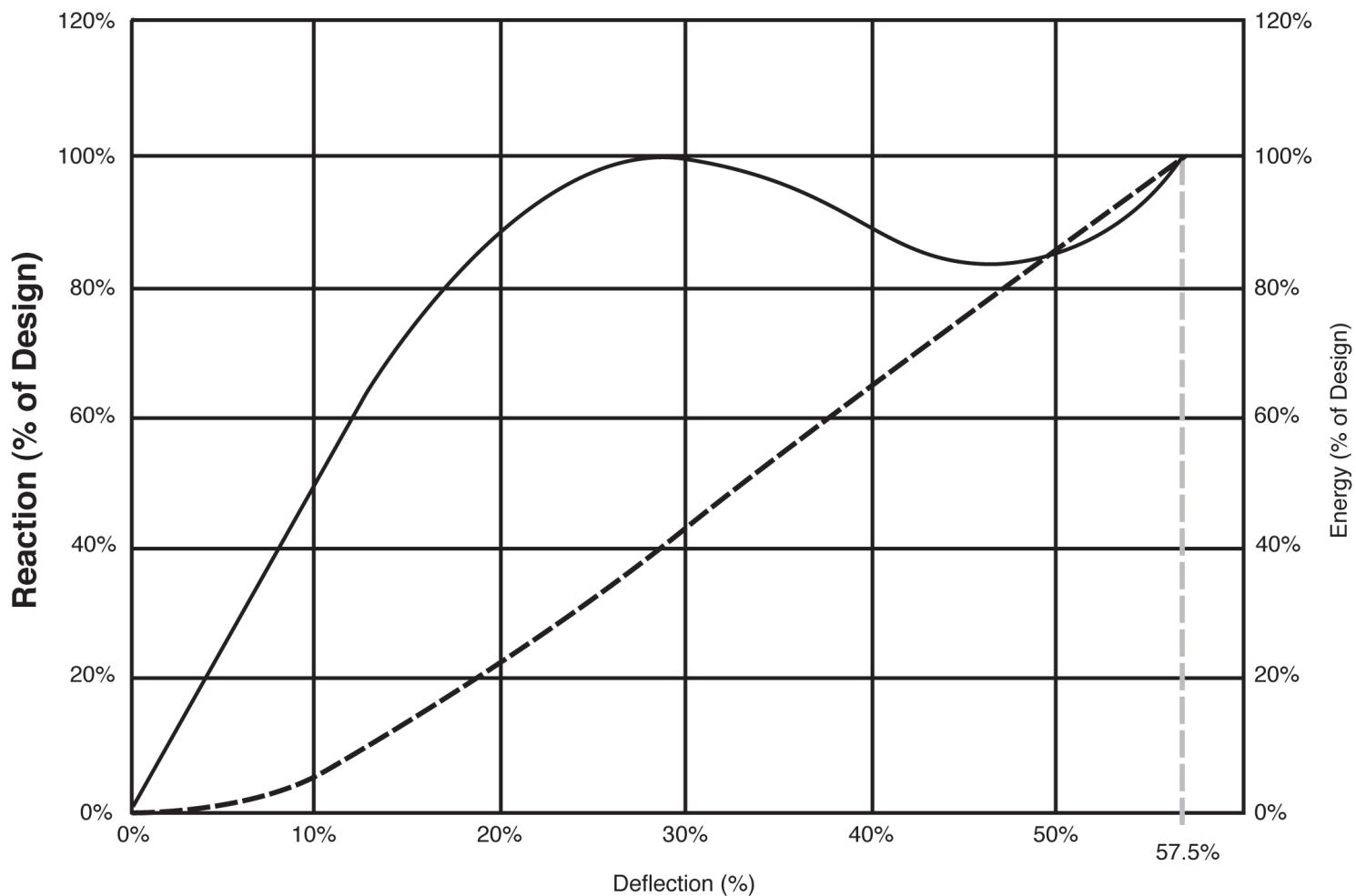
EM-FG-600	G4		G3		G2		G1	
	R (kN)	E (kN-m)						
Metric	320	88.2	272	75.1	224	61.9	176	48.8
Imperial	72.0	65.0	61.2	55.3	50.4	45.6	39.7	36.0

## 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	162	36.3	G2.4	R	243	54.7
	E	44.8	33.0		E	67.2	49.5
G0.8	R	166	37.4	G2.5	R	248	55.8
	E	46.2	34.0		E	68.5	50.5
G0.9	R	171	38.5	G2.6	R	56.8	56.8
	E	47.5	35.0		E	69.8	51.4
G1	R	176	39.6	G2.7	R	258	57.9
	E	48.8	36.0		E	71.1	52.4
G1.1	R	181	40.6	G2.8	R	262	59.0
	E	50.1	36.9		E	72.4	53.4
G1.2	R	186	41.7	G2.9	R	267	60.1
	E	51.4	37.9		E	73.7	54.3
G1.3	R	190	42.8	G3	R	272	61.2
	E	52.8	38.9		E	75.0	55.3
G1.4	R	195	43.9	G3.1	R	277	62.2
	E	54.1	39.9		E	76.3	56.2
G1.5	R	200	45.0	G3.2	R	282	63.3
	E	55.4	40.8		E	77.6	57.2
G1.6	R	205	46.0	G3.3	R	286	64.4
	E	56.7	41.8		E	78.9	58.1
G1.7	R	210	47.1	G3.4	R	291	65.5
	E	58.0	42.8		E	80.2	59.1
G1.8	R	214	48.2	G3.5	R	296	66.5
	E	59.4	43.7		E	81.5	60.1
G1.9	R	219	49.3	G3.6	R	301	67.6
	E	60.7	44.7		E	82.8	61.0
G2	R	224	50.4	G3.7	R	306	68.7
	E	62.0	45.7		E	84.1	62.0
G2.1	R	229	51.4	G3.8	R	310	69.8
	E	63.3	46.7		E	85.4	62.9
G2.2	R	234	52.5	G3.9	R	315	70.9
	E	64.6	47.6		E	86.7	63.9
G2.3	R	238	53.6	G4	R	320	71.9
	E	65.9	48.6		E	88.0	64.9

### GENERALIZED PERFORMANCE CURVE-ELEMENT FENDER

— Reaction    - - - Energy



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