

# Viking Grooved End Cap



## Approvals



Nominal size		Model	Pipe OD mm (Inch)	Approvals				Weight	
DN	Inch			VdS	LPCB	FM	UL	kg	(lbs)
25	1	940	33.7 (1.33)	G	G	F	F	0.10	(0.22)
32	1-1/4	940	42.4 (1.67)	G	G	F	F	0.10	(0.22)
40	1-1/2	940	48.3 (1.90)	G	G	F	F	0.10	(0.22)
50	2	940	60.3 (2.37)	G	G	F	F	0.20	(0.44)
65	2-1/2	300	73.0 (2.88)	-	-	F	F	0.35	(0.77)
65	3 OD	940	76.1 (3.00)	G	G	F	F	0.30	(0.66)
80	3	940	88.9 (3.50)	G	G	F	F	0.30	(0.66)
100	4	940	114.3 (4.50)	G	G	F	F	0.60	(1.30)
125	5-1/2 OD	940	139.7 (5.50)	C	G	F	F	0.90	(2.00)
125	5	300	141.3 (5.56)	-	-	F	F	1.32	(2.91)
150	6-1/2 OD	940	165.1 (6.50)	C	G	F	F	2.10	(4.60)
150	6	940	168.3 (6.63)	C	G	F	F	2.20	(4.90)
200	8	940	219.1 (8.63)	C	G	F	F	5.10	(11.20)
250	10	940	273.0 (10.75)	C	G	F	F	7.90	(17.40)
300	12	300	323.9 (12.75)	C	E	F	F	15.50	(34.10)

OD = Outside Diameter

Working pressure: A = max. 12.1 bar (175 psi) / B = max. 15.5 bar (225 psi) / C = max. 16 bar (232 psi) / D = max. 20.7 bar (300 psi) / E = max. 25 bar (363 psi) / F = max. 34.5 bar / (500 psi) / G = max. 20 bar (290 psi) / - = no approvals

## Technical data

Material .....ductile cast iron. ASTM A536 Grade 65-45-12

### Finish:

- Red paint ..... liquid painting similar RAL 3000
- White powder ..... powder coating similar RAL 9010
- Galvanized ..... hot dip galvanized

## Application

Water based fire-suppression systems

## Caution

For environments where aggressive, corrosive atmosphere is expected (e.g. direct outdoor exposure, direct contact with water, industrial atmosphere etc.) special surface coatings (e.g. Rilsan, Resicoat etc.) are available.

## Installation

Refer to "Grooved Products Installation Guide"

## Maintenance

Visual check

## Dimensional drawing

Dimensions in mm (inch)



DN / mm	Inch	A (mm / inch)
25 / 33.7	1	23.0 (0.91)
32 / 42.4	1-1/4	23.0 (0.91)
40 / 48.3	1-1/2	23.0 (0.91)
50 / 60.3	2	25.0 (0.98)
65 / 73.0	2-1/2	23.5 (0.93)
65 / 76.1	3 OD	25.0 (0.98)
80 / 88.9	3	25.0 (0.98)
100 / 114.3	4	25.0 (0.98)
125 / 139.7	5-1/2 OD	25.0 (0.98)
125 / 141.3	5	25.5 (1.00)
150 / 165.1	6-1/2 OD	25.0 (0.98)
150 / 168.3	6	25.0 (0.98)
200 / 219.1	8	31.0 (1.22)
250 / 273.0	10	32.0 (1.26)
300 / 323.9	12	32.0 (1.26)