



ECHELONTM
SUPPLY AND SERVICE



Eaglecrete Concrete Pump Parts





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CN10 Eaglecrete® Textile Placement

Tube: Black abrasion resistant synthetic rubber
Reinforcement: Synthetic cord
Cover: Black abrasion resistant synthetic rubber
Temperature: -40°C to +82°C (-40°F to +180°F)
Application: Conducting wet cement, plaster, grout, and concrete at high pressure.

Branding: FORSAFLEX CN10-200 2" EAGLECRETE TEXTILE PLACEMENT
 1233 PSI MAX WP

Part #						Standard Pack
	in	in	mm	psi	lbs/ft	
CN10-125	1-¼	1.93	49.0	800	0.85	100'
CN10-150	1-½	2.20	55.9	1233	1.07	100'
CN10-200	2	2.76	70.1	1233	1.43	100'
CN10-250	2-½	3.31	84.1	1233	1.96	100'
CN10-300	3	3.40	101.9	1233	2.72	100'
CN10-350	3-½	4.01	117.8	1233	3.51	100'
CN10-400	4	5.12	130.0	1233	3.96	100'
CN10-450	4-½	5.62	142.7	1233	4.22	100'
CN10-500	5	6.10	155.0	1000	4.90	100'
CN11-60x80*	2.36	3.15	80.0	150	1.76	100'

*Comes with copper static wire

CN10 Eaglecrete® Textile Assemblies

Heavy-Duty
= R



Male NPT
= M



Victaulic
= G



Part #	Hose Size	Fitting A	Fitting B	Flange OD	Length	Attaching Method
				in	ft	
CN10-150MM50	1-½"	M-NPT	M-NPT	--	50	Crimp
CN10-200MM25	2"	M-NPT	M-NPT	--	25	Crimp
CN10-200MM50	2"	M-NPT	M-NPT	--	50	Crimp
CN10-200RR25	2"	Raised	Raised	3.1	25	Crimp
CN10-200RR50	2"	Raised	Raised	3.1	50	Crimp
CN10-250RR25	2-½"	Raised	Raised	3.3	25	Crimp
CN10-250RR50	2-½"	Raised	Raised	3.3	50	Crimp
CN10-300RR10	3"	Raised	Raised	4.2	10	Crimp
CN10-300RR12	3"	Raised	Raised	4.2	12	Crimp
CN10-300RR20	3"	Raised	Raised	4.2	20	Crimp
CN10-300RR25	3"	Raised	Raised	4.2	25	Crimp
CN10-400RR10	4"	Raised	Raised	5.2	10	Crimp
CN10-400RR20	4"	Raised	Raised	5.2	20	Crimp
CN10-400RR25	4"	Raised	Raised	5.2	25	Crimp
CN10-500RR10	5"	Raised	Raised	6.3	10	Crimp



CN20 Eaglecrete® Wire Placement

- Tube:** Black abrasion resistant synthetic rubber
Reinforcement: Steel wire
Cover: Black abrasion resistant synthetic rubber
Temperature: -40°C to +82°C (-40°F to +180°F)
Application: Conducting wet cement, plaster, grout, and concrete at high pressure.
Branding: FORSAFLEX CN20-400 4" EAGLECRETE WIRE PLACEMENT 1300 PSI MAX WP

Part #	ID		OD		Max WP	Weight	Standard Pack
	in	mm	in	mm	psi	lbs/ft	
CN20-200	2	70.1	2.76	70.1	1300	2.04	50' / 100'
CN20-250	2-½	87.9	3.46	87.9	1300	3.01	50' / 100'
CN20-300	3	102.1	4.02	102.1	1300	3.69	50' / 100'
CN20-400	4	130.0	5.12	130.0	1300	5.69	10' / 100'
CN20-500	5	155.0	6.10	155.0	1300	6.47	10' / 100'

CN20 Eaglecrete® Wire Assemblies

HEAVY DUTY
= R



148MM
= E



Part #	Hose Size	Fitting A	Fitting B	Flange OD		Length	Attaching Method
				in	mm		
CN20-200RR25	2"	Raised	Raised	3.1	79.0	25	Crimp
CN20-200RR50	2"	Raised	Raised	3.1	79.0	50	Crimp
CN20-250RR25	2-½"	Raised	Raised	3.3	83.8	25	Crimp
CN20-250RR50	2-½"	Raised	Raised	3.3	83.8	50	Crimp
CN20-300RR10	3"	Raised	Raised	4.2	106.7	10	Crimp
CN20-300RR50	3"	Raised	Raised	4.2	106.7	50	Crimp
CN20-400RR10	4"	Raised	Raised	5.2	132.7	10	Crimp
CN20-400RR12	4"	Raised	Raised	5.2	132.7	12	Crimp
CN20-400RR20	4"	Raised	Raised	5.2	132.7	20	Crimp
CN20-500RR10	5"	Raised	Raised	6.3	160.1	10	Crimp
CN20-500RR12	5"	Raised	Raised	6.3	160.1	12	Crimp
CN20-500RR20	5"	Raised	Raised	6.3	160.1	20	Crimp
CN20-500EE10	5"	148mm	148mm	5.8	147.3	10	Crimp
CN20-500EE12	5"	148mm	148mm	5.8	147.3	12	Crimp
CN20-500EE20	5"	148mm	148mm	5.8	147.3	20	Crimp

Other lengths and fitting combinations are available.



CN25 Gunite Hose

Tube: Tan pure gum rubber
Reinforcement: Multiple plies of synthetic fabric with an imbedded static wire
Cover: Non marking pure gum blend
Temperature: -30°C to +85°C (-22°F to +185°F)
Application: Ultra wear resistant and thick tube, designed for high kink resistance and perfect flow, suitable for air pumping dry sand or cement mixtures to the water mixing nozzle in gunite applications.

Branding: FORSAFLEX CN25-200 2" GUNITE HOSE 150 PSI MAX WP

Part #	ID		OD		Max WP	Weight	Standard Pack
	in	mm	in	mm	psi	lbs/ft	
CN25-150	1-½	60.5	2.38	60.5	150	1.17	100'
CN25-200	2	73.2	2.88	73.2	150	1.46	100'



CN30 Flexcrete® Mortar TPU Hose

Tube: Extruded thermoplastic polyether based polyurethane (TPU)
Reinforcement: Circular woven Aramid Fiber, "extra-strong yarn"
Cover: Extruded TPU yellow or - Orange cover
Temperature: -50°C to +65°C (-58°F to +149°F)
Application: Designed as a lay-flat boom tip hose ideal for ICF forms, columns, and tall walls where space is at a minimum.

Branding: FORSAFLEX CN30-400 4" FLEXCRETE® MORTAR TPU 1250 PSI MAX WP

Part #	Cover	ID		OD		Max WP	Min BP	Weight	Standard Pack
		in	mm	in	mm	psi	psi	lbs/ft	
CN30-400	Orange	4	101.6	0.17	4.3	1250	2500	1.34	100'
CN30-500	Orange	5	127.0	0.17	4.3	1250	2500	1.48	100'

CN30 Flexcrete® Mortar TPU Assemblies

Part #	Hose Size	Fitting A	Fitting B	Length
				ft
CN30-400R10	4"	Raised End	-	10
CN30-400R15	4"	Raised End	-	15
CN30-400R20	4"	Raised End	-	20
CN30-500R10	5"	Raised End	-	10
CN30-500R15	5"	Raised End	-	15
CN30-500R20	5"	Raised End	-	20
CN30-500E10	5"	Metric End	-	10
CN30-500E15	5"	Metric End	-	15
CN30-500E20	5"	Metric End	-	20

Other lengths and fitting combinations are available.

ACCESSORIES



Clamps

- Forced Clamps
- Heavy-duty, Metric or Vic

Part #	PSI	Description
CNC-150R	1885	1-1/2" Heavy-Duty Forged Clamp Non-Adjustable
CNC-200R	1233	2" Heavy-Duty Forged Clamp Non-Adjustable
CNC-250R	1233	2-1/2" Heavy-Duty Forged Clamp Non-Adjustable
CNC-300R	1885	3" Heavy-Duty Forged Clamp Adjustable
CNC-400R	1885	4" Heavy-Duty Forged Clamp Adjustable
CNC-500R	1885	5" Heavy-Duty Forged Clamp Adjustable
CNC-500E	1885	5" Metric Forged Clamp Adjustable

* Victaulic Clamps available upon request



Clamp Gaskets

Part #	Description
CNCG-150R	1-1/2" Gasket Heavy-Duty
CNCG-200R	2" Gasket Heavy-Duty
CNCG-250R	2-1/2" Heavy-Duty Gasket
CNCG-300R	3" Gasket Heavy-Duty
CNCG-400R	4" Gasket Heavy-Duty
CNCG-500R	5" Gasket Heavy-Duty
CNCG-500E	5" Gasket Metric (V Style)

* Victaulic Gaskets available upon request



Concrete Weld Ends

- Weld-on ends for concrete pipe & elbows

* Weld Blanks	Part #	Description
Heavy-Duty	CNWE-200R	2" Weld Heavy-Duty Weld-On End
	CNWE-250R	2-1/2" Weld Heavy-Duty Weld-On End
	CNWE-300R	3" Weld Heavy-Duty Weld-On End
	CNWE-400R	4" Weld Heavy-Duty Weld-On End
	CNWE-500R	5" Weld Heavy-Duty Weld-On End
Metric	CNWE-500E	5" Metric Weld-On End



Clean Out Balls

- Sponge Balls for cleaning
- (Soft, medium, or hard available)

Part #	Description
CNBALL-200-M	2" Medium Clean Out Ball - Orange
CNBALL-250-M	2-1/2" Medium Clean Out Ball - Orange
CNBALL-300-M	3" Medium Clean Out Ball - Orange
CNBALL-400-M	4" Medium Clean Out Ball - Orange
CNBALL-500-M	5" Medium Clean Out Ball - Orange
CNBALL-400-H	4" Hard Clean Out Ball - Orange
CNBALL-500-H	5" Hard Clean Out Ball - Orange



Slick Line Pipe

Slickline pipes are provided in straight 10-foot lengths in various diameters. Slickline is manufactured from top grade high-carbon content steel tubing unlike ordinary pipe-stock

- Other sizes and lengths are available upon request

Part #	Line Size	Thickness	Thickness	Material
		Gauge	mm	
CNSL-200RR-10	2" X 10'	11	3.05	Q345
CNSL-250RR-10	2.5" X 10'	11	3.05	Q345
CNSL-300RR-10	3" X 10'	11	3.05	Q345
CNSL-400RR-10	4" X 10'	9	3.8	Q345
CNSL-500RR-10	5" X 10'	.25"*	31.75	Q345

* (Hardened)



Steel Reducers

All steel reducers have handles and are available with heavy-duty or metric ends. They are constructed of heat-treated ST52 Seamless Pipe Steel.

Part #	Description
CNR-250R-200R	2-1/2" Heavy-Duty X 2" Heavy-Duty X 36"
CNR-300R-200R	3" Heavy-Duty X 2" Heavy-Duty X 36"
CNR-300R-250R	3" Heavy-Duty X 2-1/2" Heavy-Duty X 36"
CNR-400R-200R	4" Heavy-Duty X 2" Heavy-Duty X 36"
CNR-400R-250R	4" Heavy-Duty X 2-1/2" Heavy-Duty X 36"
CNR400R-300R	4" Heavy-Duty X 3" Heavy-Duty X 36"
CNR-500E-300R	5" Metric X 3" Heavy-Duty X 36"
CNR-500R-300R	5" Heavy-Duty X 3" Heavy-Duty X 36"
CNR-500R-400R	5" Heavy-Duty X 4" Heavy-Duty X 36"
CNR-500E-400R	5" Metric X 4" Heavy-Duty X 36"



45° Elbows

Part #	Description
CNE45-250R-16	45° Elbow - 2.5" Heavy-duty x 16" Radius
CNE45-300R-16	45° Elbow - 3" Heavy-duty x 16" Radius
CNE45-400R-18	45° Elbow - 4" Heavy-duty x 18" Radius

* Other radius and terminations available



90° Elbows

Part #	Description
CNE90-200R-16	90° Elbow - 2" Heavy-duty x 16" Radius
CNE90-200R-48	90° Elbow - 2" Heavy-duty x 48" Radius
CNE90-250R-16	90° Elbow - 2.5" Heavy-duty x 16" Radius
CNE90-300R-16	90° Elbow - 3" Heavy-duty x 16" Radius
CNE90-300R-48	90° Elbow - 3" Heavy-duty x 48" Radius
CNE90-400R-18	90° Elbow - 4" Heavy-duty x 18" Radius
CNE90-400R-48	90° Elbow - 4" Heavy-duty x 48" Radius
CNE90-500R-48	90° Elbow - 5" Heavy-duty x 48" Radius

* Other radius and terminations available

Reducing Elbows (Casting - Heat Treated)



Part #	Description	Material
CNRE-400R-300R	Reducing Elbow- 4" Heavy-Duty x 3" Heavy-Duty	Mn13-4
CNRE-500R-300R	Reducing Elbow - 5" Heavy-Duty x 3" Heavy-Duty	Mn13-4
CNRE-500R-400R	Reducing Elbow - 5" Heavy-Duty x 4" Heavy-Duty	Mn13-4

AH15 Jackhammer Assemblies



Universal



Dix-Lok

Part #	Colour	Hose Size	Fitting A	Fitting B	Length	Attaching Method
					ft	
AH15YW-075UU50	Yellow	3/4"	Universal	Universal	50	Crimp
AH15YW-075QQ50	Yellow	3/4"	DIX-LOK	DIX-LOK	50	Crimp
AH15RD-075UU50	Red	3/4"	Universal	Universal	50	Crimp
AH15RD-075QQ50	Red	3/4"	DIX-LOK	DIX-LOK	50	Crimp

AH60 Steel Air Hose 600 Assemblies



Ground Joints

Part #	ID	Fittings		WP	Length
	in	A	B	psi	ft
AH60-200FF50	2"	Female G-J	Female G-J	600	50
AH60-300FF50	3"	Female G-J	Female G-J	600	50

*CRN Assemblies Available

AH11 Black General Purpose Air-Water Assemblies



GHT M x F

Part #	Hose Size	Fitting A	Fitting B	Length	Attaching Method
				ft	
AH11-050GHT50	1/2"	M-GHT	F-GHT	50'	Crimp
AH11-050GHT100	1/2"	M-GHT	F-GHT	100'	Crimp
AH11-063GHT50	5/8"	M-GHT	F-GHT	50'	Crimp
AH11-063GHT100	5/8"	M-GHT	F-GHT	100'	Crimp
AH11-075GHT50	3/4"	M-GHT	F-GHT	50'	Crimp
AH11-075GHT100	3/4"	M-GHT	F-GHT	100'	Crimp



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