

Industrial Hose Quick Guide

Suction & Discharge Cold Weather/ Flexible Heavy-Duty Abrasion Resistance Petroleum Food Grade Duct Specialty Accessories

R



Suction & Discharge

Kanalite Flex CL (100CL)

Temp. Range: -13°F to 140°F

Applications: General water suction hose

Construction: Flexible PVC, rigid PVC helix, smooth bore, corrugated 0.D.

Available Sizes (in.): 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 6, 8, 10



Kanaflo 110 CL/110 GR (110 CL/110 GR)

Temp. Range: -13°F to 140°F

Applications: Heavy-duty water suction hose

Construction: Flexible PVC, rigid PVC helix, smooth bore, smooth 0.D.

Available Sizes (in.): 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8



Kanaflo 112 CL / 112 AG (112 CL / 112 AG)

Temp. Range: -13°F to 140°F

Applications: Economical heavy-duty water suction hose, air seeder hose.

Construction: Flexible PVC, rigid PVC helix, smooth bore, smooth 0.D.

Available Sizes (in.): 1-1/4, 1-1/2, 2, 2-1/2, 3, 4



Cold Weather/Flexible

Kanaline Blue

Temp. Range: -40°F to 140°F

Applications: Heavy-duty suction and discharge with increased flexibility for use in colder environment applications, where more flexibility is desired, and liquid fertilizer

Construction: Flexible cold weather PVC, rigid PVC helix, synthetic braiding, smooth bore, corrugated 0.D.

Features: Lightweight and flexible. External helix provides for easy drag. Rated for both suction and discharge. Clear sidewall permits visual check of material flow.

Note: Banding coil must be used for all sizes.

Available Sizes (in.): 1-1/2, 2, 3, 4, 6, 8, 10

Kanaflo Blue (116 Blue)

Temp. Range: -40°F to 140°F

Applications: Heavy-duty water suction and discharge hose with increased flexibility

Construction: Flexible PVC, rigid PVC helix, smooth bore, smooth 0.D.

Available Sizes (in.): 1, 1-1/2, 2, 3, 4, 6, 8



Kanalite Blue (100 Blue)

Temp. Range: -40°F to 140°F

Applications: General-duty low temperature water suction and discharge hose with increased flexibility

Construction: Cold weather PVC, rigid PVC helix, smooth bore, corrugated 0.D.

Features: Lightweight with increased flexibility even at sub-zero temperatures. Clear sidewall permits visual check of material flow. External helix provides for easy drag.

Available Sizes (in.): 1, 1-1/2, 2, 3, 4, 6, 8

Kanalite CW (100 CWFLX)

Temp. Range: -22°F to 140°F

Applications: General-duty low temperature water suction and discharge hose with increased flexibility

Construction: Cold weather PVC, rigid PVC helix, smooth bore, corrugated 0.D.

Features: Lightweight with increased flexibility even at sub-zero temperatures. Clear sidewall permits visual check of material flow. External helix provides for easy drag.



Available Sizes (in.): 3, 4, 5, 6

Cold Weather/Flexible continued

Kanaflo 116 CL (116 CL)

Temp. Range: -22°F to 140°F

Applications: Heavy-duty water suction and discharge hose with increased flexibility

Construction: Flexible PVC, rigid PVC helix, smooth bore, smooth 0.D.

Available Sizes (in.): 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8

Kanaline CW

Temp. Range: -22°F to 140°F

Applications: Heavy-duty suction and discharge with increased flexibility for use in colder environment applications, where more flexibility is desired, and liquid fertilizer

Construction: Flexible cold weather PVC, rigid PVC helix, synthetic braiding, smooth bore, corrugated 0.D.

Features: Lightweight and flexible. External helix provides for easy drag. Rated for both suction and discharge. Clear sidewall permits visual check of material flow.

Note: Banding coil must be used for all sizes.

Available Sizes (in.): 2, 3, 4, 6



Heavy-Duty

Kanaline SR

Temp. Range: -13°F to 140°F

Applications: Heavy duty suction and discharge hose for use in fish suction and rental/construction pumping

Construction: Flexible PVC, rigid PVC helix, synthetic braiding, smooth bore, corrugated 0.D.

Features: Lightweight and flexible. External helix provides for easy drag. Rated for both suction and discharge. Clear sidewall permits visual check of material flow.

Note: Banding coil must be used for 1-1/2", 2", 3", 4", 5" and 6" sizes.

Available Sizes (in.): 1-1/2, 2, 3, 4, 5, 6, 8, 10, 12

KanaChem RS (220RS)

Temp. Range: -40°F to 140°F

Applications: Heavy-duty liquid suction hose for use in construction dewatering, liquid waste, cesspool cleaning, septic handling, agricultural applications and marine use

Construction: SBR rubber with carbon black, rigid PVC helix, smooth bore, smooth 0.D.

Available Sizes (in.): 1-1/2, 2, 2-1/2, 3, 4, 6

KanaChem 300 (300GR/EPDM)

Temp. Range: -40°F to 140°F

Applications: Heavy-duty liquid suction hose for use in construction dewatering, liquid waste, cesspool cleaning, septic handling, agricultural applications and marine use.

Construction: EPDM rubber, polyethylene helix, smooth bore, corrugated 0.D.

Features: Lightweight and flexible. External helix provides for easy drag. Resistant to agricultural chemicals.

Available Sizes (in.): 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 6







Heavy-Duty continued

KanaChem 390 (з90 sd вк)

Temp. Range: -40°F to 140°F

Applications: Suction and discharge of liquids in the construction, rental and agricultural industries such as agricultural chemicals, liquid fertilizers and dewatering

Construction: EPDM rubber, polyethylene helix, synthetic braiding, smooth bore, corrugated 0.D.

Features: Lightweight and flexible. Rated for both suction and discharge. External helix provides for easy drag. Resistant to agricultural chemicals. Durable in construction applications.

Available Sizes (in.): 1-1/4, 1-1/2, 2, 3

KanaVac Max (Kanapower AT)

Temp. Range: -30°F to 140°F

Applications: Abrasion resistant suction and discharge hose designed for demanding applications such as slurry in micro-tunneling applications and directional boring

Construction: SBR rubber blended with static dissipating carbon black

Note: 6" size is not a stock item. Consult factory for availability.

Available Sizes (in.): 4,6



Abrasion Resistance

KanaVac AR (180 AR)

Temp. Range: -40°F to 140°F

Applications: Heavy-duty abrasion resistant suction hose for vacuum trucks or handling abrasives such as crushed rock, sand, pea gravel, cement powder, dry fertilizer, iron ore and grains

Construction: SBR rubber blended with static carbon black, rigid PVC helix, smooth bore, corrugated 0.D.

Features: Lightweight and flexible. Extremely abrasion resistant. Static dissipating with no grounding wire. Consult factory for specific applications.

Note: This hose was not designed for bulk handling such as unloading of rail cars.

Available Sizes (in.): 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, 4, 5, 6, 7, 8, 10, 12

KanaVac STAR (180 STAR)

Temp. Range: -40°F to 140°F

Applications: Heavy-duty abrasion resistant suction hose for vacuum trucks or handling abrasives such as crushed rock, sand, pea gravel, cement powder, dry fertilizer, iron ore and grains

Construction: SBR rubber blended with static carbon black, rigid PVC helix, smooth bore, with copper wire, corrugated 0.D.



Features: Lightweight and flexible. Extremely abrasion resistant. Static dissipating with no grounding wire. Consult factory for specific applications.

Note: This hose was not designed for bulk handling such as unloading of rail cars.

Available Sizes (in.): 1-1/2, 2, 3, 4, 6

KanaVac MV (180 MV)

Temp. Range: -40°F to 140°F

Applications: Designed for numerous applications such as grain and roof vacuums

Construction: SBR rubber with carbon black, rigid PVC helix, smooth bore, corrugated 0.D.



Available Sizes (in.): 5,6

KanaVac Lite (180 BL)

Temp. Range: -40°F to 140°F

Applications: Designed for suction and light blowing of lightweight abrasives such as rockwool, fiberglass, sawdust, grain, insulation and cement dust

Construction: SBR rubber blended with static carbon black, rigid PVC helix, smooth bore, corrugated 0.D.

Available Sizes (in.): 2-1/2, 3, 4, 5, 6, 7, 8





Abrasion Resistance continued

KanaVac HR (180 HR)

Temp. Range: -40°F to 220°F

Applications: Heavy-duty suction applications where high temperature and abrasion are factors such as vacuum trucks or the handling of fly ash, crushed rock, sand, pea gravel or cement powder

Construction: EPDM rubber, polyethylene helix, metal helical wire, smooth bore, corrugated 0.D.

Features: Lightweight and flexible. Integral wire helix can be grounded. External helix provides easy drag. Rated up to 220°F.

Available Sizes (in.): 4, 6, 8

Kanaline UBU (ST Kanaline UBU)

Temp. Range: -13°F to 140°F

Applications: Transfer of abrasive materials - bulk unloading of railcars and trucks. Fish suction.

Construction: Flexible polyurethane line and PVC, rigid PVC helix, synthetic braiding, smooth bore, PVC corrugated 0.D.

Features: Lightweight and flexible

in sub-zero temperatures. Clear polyurethane tube provides increased abrasion resistance, permits visual check

of material flow, prevents material build up and provides quiet operation. Static wire dissipates static charge when connected to a grounded system. External helix provides for easy drag.

Available Sizes (in.): 4, 5, 6

Kanalite U (100 UCLRD)

Temp. Range: -13°F to 140°F

Applications: Dry material pneumatic conveying systems and plastic pellet and powder transfer when static is not a concern. Agricultural applications, such as air seeders, abrasive material vacuum systems, and industrial vac equipment.

Construction: Flexible polyurethane lined PVC tube, rigid PVC helix, smooth bore, PVC corrugated 0.D.

Features: Lightweight and flexible in sub-zero temperatures. Clear polyurethane lined PVC tube provides abrasion resistance, permits visual check of material flow, prevents material build up, and provides quiet operation. Corrugated PVC 0.D. with raised PVC helix for increased flexibility and easy drag.

Available Sizes (in.): 2, 2-1/2, 3, 4, 5, 6



Petroleum

KanaPower (ST120 LT)

Temp. Range: -30°F to 140°F

Applications: Gasoline tank truck gravity drop hose for fluids such as naphtha, kerosene, light and heavy oil, diesel and some ethanol

Construction: Nitrile rubber static dissipating tube, rigid PVC helix, synthetic braiding, smooth bore, static grounding wire, corrugated 0.D.

Features: Lightweight and flexible. External helix provides for easy drag. Rated for up to 40% aromatic content.

Note: Banding sleeves or banding coils must be used for all sizes. Static wire must be properly imbedded during fitting installation and tested to assure proper static grounding of hose to a grounded system.

Available Sizes (in.): 2, 3, 4

KanaVapor (ST120 VP)

Temp. Range: -40°F to 140°F

Applications: Gasoline vapor recovery only

Construction: Nitrile rubber, rigid PVC helix, smooth bore, corrugated 0.D., static grounding wire

Note: Static wire must be properly imbedded during fitting installation and tested to assure proper static grounding of hose to a grounded system.

Available Sizes (in.): 2, 3, 4



Temp. Range: -52°F to 140°F

Applications: Tank truck and terminal recovery of gasoline, ethanol, and biodiesel vapors.

Construction: Lightweight clear static dissipating non-permeable polyurethane with smooth bore, corrugated 0.D., rigid PVC helix, and static grounding wire.

Features: Lightweight and flexible

even in sub-zero temperatures. Polyurethane construction allows use with all gasoline blends, biodiesel (up to B100), ethanol (up to E85; currently testing E100), kerosene, diesel, and ASTM fuel oils. Static dissipating tube combined with multi-strand copper static wire provides the ultimate protection against static discharge. Clear tube allows visual confirmation of fuel backup into the hose.

Note: Banding sleeve or banding coil must be used. Static wire must be properly imbedded during fitting installation and tested to assure proper static grounding of hose to a grounded system.

Available Sizes (in.): 2, 3, 4





Petroleum continued

KanaPower Bio (ST120 UAPDH)

Temp. Range: -52°F to 140°F

Applications: All purpose tank truck gravity drop hose for items such as gasoline, ethanol, biodiesel, kerosene and diesel.

Construction: Non-permeable polyurethane inner and outer tube with synthetic braiding, smooth bore, corrugated O.D., PVC helix for easy drag, clear static dissipating tube and multi-strand copper static wire providing maximum protection against static discharge.

Features: Lightweight and flexible even in sub-zero temperatures. Static dissipating polyurethane inner and outer tube provides maximum resistance to gasoline, biodiesel (up to B100 compliant with ASTM D6751), ethanol (up to E85; currently testing E100), kerosene, diesel and ASTM fuel oils. Clear tube allows visual confirmation of flow.

Note: Banding coil or banding sleeve must be used for all sizes. Static wire must be properly imbedded during fitting installation and tested to assure proper static grounding of hose to a grounded system.

Available Sizes (in.): 2, 3, 4

KanaPower Max (ST120 HP)

Temp. Range: -30°F to 140°F

Applications: Gasoline tank truck gravity drop hose for fluids such as naphtha, kerosene, light and heavy oil, diesel and some ethanol

Construction: Nitrile rubber static dissipating tube, rigid PVC helix. synthetic braiding, smooth bore, static grounding wire, corrugated O.D.

Features: Lightweight and flexible. External helix provides for easy drag. Rated for up to 40% aromatic content.

Note: Banding sleeves or banding coils must be used for all sizes. Static wire must be properly imbedded during fitting installation and tested to assure proper static grounding of hose to a grounded system.

Available Sizes (in.): 3,4

Kanaline OR

Temp. Range: -13°F to 140°F

Applications: Heavy-duty suction and discharge of light oils and animal fats

Construction: Flexible oil-resistant PVC, rigid PVC helix, synthetic braiding, smooth bore, corrugated O.D.

Features: Lightweight and flexible. External helix provides for easy drag. Rated for both suction and discharge.

Note: Banding coil must be used for all sizes. Oil Use Only, NOT for use with gasoline or similar fuels

Available Sizes (in.): 2, 3, 4

industries

bottling

Kanaflo MK (212 MK)

Applications: More flexible; designed for milk hauling (tank truck) and pick-up

Construction: Flexible oil-resistant PVC, rigid PVC helix, smooth bore, smooth 0.D.

2-1/2, 3

Kanaline FW

Temp. Range: -13°F to 140°F

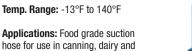
Applications: Heavy-duty food grade suction and discharge hose for bottling, wine making, canning, dairy, brewing and liquid foods

Construction: Produced entirely of compounds in compliance with FDA and 3-A nontoxic specifications, flexible PVC, rigid PVC helix, synthetic braiding, smooth bore, corrugated 0.D.

Features: Lightweight and flexible. External helix provides for easy drag. Rated for both suction and discharge. Clear sidewall permits visual check of material flow.

Note: Banding coil must be used for all sizes. 5" and 6" sizes are not a stock item. Consult factory for availability.

Available Sizes (in.): 1-1/2, 2, 3, 4, 5, 6



Kanalite FG (200 SFG)

Construction: Produced entirely of compounds in compliance with FDA and 3-A non toxic specifications, flexible PVC, rigid PVC helix, smooth bore, corrugated 0.D.

Available Sizes (in.): 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 4, 45 mm, 57 mm

Kanaflo FG (210 HFG)

Temp. Range: -13°F to 140°F

Applications: Heavy-duty food grade suction hose for bottling and dairy

Construction: Flexible oil-resistant PVC, rigid PVC helix, smooth bore, smooth 0.D.

Available Sizes (in.): 3/4, 1, 1-1/4, 1-1/2. 2. 2-1/2. 3. 4

Temp. Range: -13°F to 140°F

Available Sizes (in.): 1-1/2, 2,











Food Grade



Duct

KanaDuct 150 (150 CL)

Temp. Range: -13°F to 140°F

Applications: Lightweight general ducting for ventilation and grass clippings, leaves, dust and fumes

Construction: Flexible PVC, rigid PVC helix, smooth bore, corrugated 0.D.

Available Sizes (in.): 2-1/2, 3, 4, 5, 6, 7, 8

KanaDuct 620 (620 WD)

Temp. Range: -40°F to 220°F

Applications: General ducting and blower applications. For use with lightweight abrasives such as sawdust, grass clippings, street refuse and cotton pickers.

Construction: EPDM rubber. metal wire helix, smooth bore, slightly corrugated 0.D.

Features: Rated to 220°F. Abrasion resistant yet very flexible. 100% rubber sidewall (no fabric).

Available Sizes (in.): 2, 2-1/2, 3, 4, 5, 6, 7, 8, 10, 12

KanaDuct 625 (620 WD WS)

Temp. Range: -40°F to 220°F

Applications: Same as 620 WD, but external wearstrip makes it ideal for "light dragging" applications

Construction: EPDM rubber, metal wire helix, wearstrip, smooth bore, corrugated 0.D.

Available Sizes (in.): 2-1/2, 3, 4, 5, 6, 7, 8, 10, 12

KanaDuct 630 (630 ED)

Temp. Range: -40°F to 158°F

Applications: Medium-duty blower and ducting applications such as hay bailing, street refuse, grain dust, cotton pickers, wood chips, straw blowing, leaf and grass collection

Construction: EPDM rubber, polypropylene helix, smooth bore, corrugated O.D.

Features: Thicker sidewall for more abrasion resistance. External helix acts as a scuff guard. 100% rubber sidewall (no fabric).

Available Sizes (in.): 2, 2-1/2, 3, 4, 6, 8

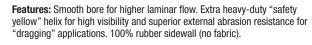


KanaDuct 660 (660 YD)

Temp. Range: -40°F to 158°F

Applications: Heavy-duty ducting applications such as duct cleaning, commercial grass and leaf collection, cement dust recovery for floor finishing, blast cabinet dust collection systems, and grain auger downspouts

Construction: EPDM rubber, polypropylene helix, smooth bore, corrugated 0.D.



Available Sizes (in.): 4, 5, 6, 8, 10, 12

KanaDuct 150U (150 UDH)

Temp. Range: -20°F to 140°F

Applications: Medium-duty ducting and blower applications. For use with light to medium weight abrasives, leaf and grass collection, cotton pickers, mulch blowing, dust and sawdust collection.

Construction: Flexible clear polyurethane, rigid PVC helix, smooth bore, corrugated 0.D.

Features: Lightweight and flexible. External helix provides for easy drag. Abrasion-resistant polyurethane and smooth bore eliminate material build-up.

Available Sizes (in.): 2-1/2, 3, 4, 5, 6, 7, 8

Kanalite 155 (155 GY)

Temp. Range: -13°F to 140°F

Applications: Heavy-duty PVC blower and ducting hose for collection of grass, leaves, dust, and fumes

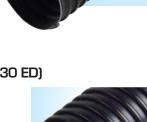
Construction: Flexible PVC, rigid PVC helix, smooth bore, corrugated 0.D.

Available Sizes (in.): 1-1/2, 2, 2-1/2, 3, 4, 5, 6, 8





For more information go to www.kanaflexcorp.com







Specialty

Kanalite PS UVOR (101 PS UVOR)

Temp. Range: -13°F to 140°F

Applications: General water suction hose

Construction: Flexible PVC, rigid PVC helix, smooth bore, corrugated 0.D.

Available Sizes (in.): 2.375, 3-1/2, 4-1/2

Kanalite PS (101 PS)

Temp. Range: -13°F to 140°F

Applications: Methane gas recovery at landfills; connection between rigid pipes of the same size; repair of broken rigid lines.

Construction: Flexible PVC, rigid PVC helix, smooth bore, corrugated 0.D.

Available Sizes (in.): 2.375, 3-1/2, 4-1/2

Kanaflo Spa (Spa Cream)

Temp. Range: -13°F to 158°F

Applications: Water lines, air lines, pump lines

Construction: Flexible PVC, rigid PVC helix, smooth bore, smooth 0.D.

Note: For use with PVC solvent weld fittings only. Inside diameter is nominal. Tolerance on outside diameter is + .020 - .005

Available Sizes (in.): 1/2, 3/4, 1, 1-1/4, 1-1/2, 2

KanaDuct Poly (Kanaduct)

Temp. Range: -13°F to 180°F

Applications: General ducting and blower hose used for spot coolers, clean room venting, fume/dust removal, elbows for rigid pipe

Construction: Interlocked polypropylene

Available Sizes (in.): 2-1/2, 3, 4, 5, 6.8.10.12

Accessories

Banding Sleeve

Temp. Range: -40°F to 140°F

Applications: 9" sections are recommended at each end of the ST 120 LT tank truck drop hose.

Construction: PVC construction, corrugated inside, smooth O.D.

Available Sizes (in.): 3 and 4

Banding Coil (black or white)

Black or white PVC banding coil available in 1-1/2", 2", 3", 4", 5", 6", 8", 10", and 12" sizes

Applications: PVC Banding Coil designed to fit and fill the area between the helix providing a smooth service for installation of tension bands. Use 4" of banding coil to cover 9" length of the hose. Also, when used behind the coupling, the coil adds rigidity to the hose, preventing over flexing at the coupling. Coil can be installed on individual hoses as noted.

Duct Clamp

Steel, worm gear type clamp designed specifically for use with our duct hose. Easily installed with only a screw driver.

Available in 2-1/2", 3", 4", 5", 6", 7", 8", 10" and 12" sizes.



Powerlock Clamp/Powerlock Clamp PS

The Powerlock clamp is a steel, double bolt clamp designed specifically for use with our corrugated hose such as Series 100, 180, 200 and KANALINE. Available in 2", 2-1/2", 3", 4", 5", 6", 8", 10" and 12" sizes.

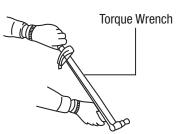
The Powerlock clamp PS is available for use with our 101 PS Series in 2", 3" and 4" sizes.



Please use the table below to determine the correct torque recommended when tightening down our Powerlock clamps.

Size (in)	2	2-1/2	3	4	5	6	8	10	12
Torque (lbs-ft)	7.2	7.2	9.4	14.5	14.5	16.6	16.6	18.1	18.1







Kanaflex.

Kanaflex manufactures PVC, rubber, polyurethane and polypropylene hose and ducting of the highest quality utilizing advanced technology, equipment, and proprietary blends of raw materials. Each product series has been designed and tested to ensure outstanding service life and dependability in applications that conform to the required specifications.

Since 1952, Kanaflex's revolutionary production methods have taken the best properties of plastics and rubber, producing products capable of outperforming conventional plastic and rubber hose. Today, Kanaflex technology leads the industry and we continue to search for new raw materials and manufacturing processes to meet the most demanding current and future applications.

Kanaflex Corporation operates manufacturing facilities in Vernon Hills, Illinois, and Compton, California, and a distribution center in Houston, Texas. The company is a wholly owned subsidiary of Kanaflex Corporation Japan. Kanaflex hose is sold through a network of distributors throughout the United States and Canada.

Kanaflex hose is flexible, easy-to-handle, lightweight, and inherently durable. Our hoses continue to replace more expensive and harder-to-handle hoses for many of the industry's toughest jobs.

Flexible

Kanaflex hose lends itself to working in tight spaces.

Lightweight

Kanaflex is up to 50% lighter than conventional rubber hose, making it easier to handle and less expensive to transport.

Economical

Initial cost is low, and Kanaflex hoses are virtually maintenance-free which saves money in the long run.

Smooth bore

A smooth bore and flexible bending characteristics make for the fastest and most efficient transfer of fluids.

Premium rubber materials

Our hose properties are ideally suited for the following applications and conditions:

- Oil
- Chemicals
- Gasoline
- Abrasives
- Extreme temperature variations
- Extreme weather conditions

Because we continually improve our products, we reserve the right to alter specifications without notice.



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