

PF427/PF427NC Series



Applications:

Piranhaflex™ PF427 Series hose is ideal for general purpose high pressure hydraulic applications with a constant working pressure of 3,000 psi for each diameter. This hose is commonly used in industrial hydraulic construction, material handling and agricultural equipment. Piranhaflex™ PF427NC Series hose has an orange, non-pin-pricked cover, ideal for use in applications where a non-conductive, high pressure hydraulic hose is required. Typical applications include: hydraulic tools, lubrication lines and man lifts.

Construction:

Piranhaflex™ Hydraulic PF427 & PF427NC Series hoses consist of three individual components bonded to ensure maximum performance.

Tube — Seamless polyester inner tube.

Reinforcement — Braided high tensile strength fiber reinforcement.

Cover — PF427 Series hose has a black abrasion resistant polyurethane pin pricked cover; PF427NC Series hose has an Orange non-conductive (REACH Compliant), non-pin

pricked abrasion resistant polyurethane cover.

Features:

- Meets or exceeds SAE J517 Standards
- Tested at ½ bend radius under SAE Standards
- Exceeds 100R18 impulse requirements
- Light weight and flexible
- Ideal for general hydraulic services

Packaging:

- Hoses supplied in 250 ft. reels. All reels will have no more than 2 pieces, with no piece less than 50' in length.
- All non-standard lengths are treated as a made-to-order item and will require a minimum of 5,000 ft. to manufacture.
- Twin/Multi Line MTO and available upon request.

Temperature Range: -40°F (-40°C) to +200°F (+93°C) for petroleum based hydraulic fluids.
-40°F (-40°C) to +140°F (+60°C) for water-based and phosphate-ester based hydraulic fluids.

Nominal Specifications

Series Number	Size Code	Nominal ID		Nominal OD		Max. Working Pressure (psi)	Min. Bend. Radius		Approx. Weight (lbs./ft.)	Coupling Recommendations
		(in.)	(mm)	(in.)	(mm)		(in.)	(mm)		Two-Piece Couplings
PF427/PF427NC	04	1/4	6.4	0.496	12.7	3,000	1.50	38	0.06	PFR-04
PF427/PF427NC	06	3/8	9.7	0.650	16.5	3,000	2.00	51	0.11	PFR-06
PF427/PF427NC	08	1/2	13.1	0.834	21.1	3,000	3.00	76	0.16	PFR-08

† Minimum burst pressure 4-to-1 safety factor.

Freight: Hydraulic Hose can be combined with other KOA products for qualifying prepaid freight orders.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.

Thermoplastic Hydraulic Twin Line Versions



PF354TL & PF354NCTL Series Twin Line Versions:

PIRANHAFLEXTM PF354TL Series Nylon Tube/
Black Cover 100R7 Twin Line Hoses

Part Number	Packaging	Approx. Wt. lbs./ft.
PF354TL-04-250R	250' Reel	0.10
PF354TL-06-250R	250' Reel	0.20
PF354TL-08-250R	250' Reel	0.32

PIRANHAFLEXTM PF354NCTL Series Nylon Tube/
Orange Cover Non-Conductive 100R7 Twin Line Hoses

Part Number	Packaging	Approx. Wt. lbs./ft.
PF354NCTL-04-250R	250' Reel	0.10
PF354NCTL-06-250R	250' Reel	0.20
PF354NCTL-08-250R	250' Reel	0.32

PF267TL & PF267NCTL Series Twin Line Versions:

PIRANHAFLEXTM PF267TL Series Polyester
Tube/Black Cover 100R7 Twin Line Hoses

Part Number	Packaging	Approx. Wt. lbs./ft.
PF267TL-04-50BX	50 Box	0.14
PF267TL-06-50BX	50 Box	0.24
PF267TL-08-50BX	50 Box	0.34
PF267TL-04-250R	250' Reel	0.14
PF267TL-06-250R	250' Reel	0.24
PF267TL-08-250R	250' Reel	0.34

PIRANHAFLEXTM PF267NCTL Series Polyester
Tube/Orange Cover 100R7 Twin Line Hoses

Part Number	Packaging	Approx. Wt. lbs./ft.
PF267NCTL-04-50BX	50 Box	0.14
PF267NCTL-06-50BX	50 Box	0.24
PF267NCTL-08-50BX	50 Box	0.34
PF267NCTL-04-250R	250' Reel	0.14
PF267NCTL-06-250R	250' Reel	0.24
PF267NCTL-08-250R	250' Reel	0.34

Series PF528TL & PF528NCTL Twin Line Versions:

PIRANHAFLEXTM PF528TL Series Nylon
Tube/Black Cover 100R8 Twin Line Hoses

Part Number	Packaging	Approx. Wt. lbs./ft.
PF528TL-04-250R	250' Reel	0.22
PF528TL-06-250R	250' Reel	0.31
PF528TL-08-250R	250' Reel	0.47

PIRANHAFLEXTM PF528NCTL Series Nylon Tube/
Orange Cover 100R8 Twin Line Hoses

Part Number	Packaging	Approx. Wt. lbs./ft.
PF528NCTL-04-250R	250' Reel	0.22
PF528NCTL-06-250R	250' Reel	0.31
PF528NCTL-08-250R	250' Reel	0.47

NEW

NEW

ATTENTION! Sale of PF628/PF628NC Series has been suspended. Please see this notice: <https://koa.link/PF628-notice> for more information.

Series PF628TL & PF628NCTL Twin Line Versions:

PIRANHAFLEXTM PF628TL Series Polyester
Tube/Black Cover 100R8 Twin Line Hoses

Part Number	Packaging	Approx. Wt. lbs./ft.
PF628TL-04-250R	250' Reel	0.14
PF628TL-06-250R	250' Reel	0.20
PF628TL-08-250R	250' Reel	0.34

PIRANHAFLEXTM PF628NCTL Series Polyester Tube/
Orange Cover Non-Conductive 100R8 Twin Line Hoses

Part Number	Packaging	Approx. Wt. lbs./ft.
PF628NCTL-04-250R	250' Reel	0.14
PF628NCTL-06-250R	250' Reel	0.20
PF628NCTL-08-250R	250' Reel	0.34

Freight: Hydraulic Hose can be combined with other KOA products for qualifying prepaid freight orders.

Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.