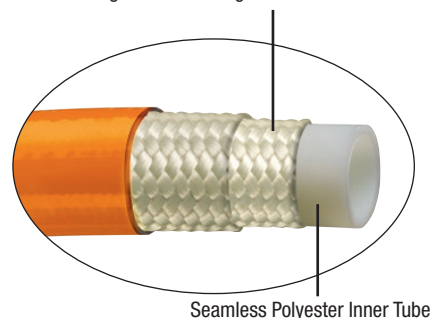


PF427/PF427NC Series



Braided High Tensile Strength Fiber Reinforcement



General Applications:

Piranhaflex™ Hydraulic **PF427** Series 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™ Hydraulic **PF427NC** Series 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.

(Twin/Multi Line MTO and available upon request)

Construction:

Piranhaflex™ Hydraulic **PF427** and **PF427NC** Series 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 has a **black** abrasion resistant polyurethane pin pricked cover; **PF427NC** Series has an **Orange non-conductive (REACH Compliant), non-pin pricked cover.**

Service 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.

Features & Advantages:

- 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 specials are treated as a made-to-order item and will require a minimum of 5,000 ft. to produce.

Nominal Specifications

Series Number	Size Code	ID		OD		Max. Working Pressure (psi)	Min. Bend. Radius		Weight (lbs/ft)	Coupling Recommendations	
		(in)	(mm)	(in)	(mm)		(in)	(mm)		Two-Piece Ferrule Non-Skive	
PF427/PF427NC	04	1/4	6.4	0.496	12.7	3000	1.50	38.1	0.06	PFR-04	
PF427/PF427NC	06	3/8	9.7	0.650	16.5	3000	2.00	50.8	0.11	PFR-06	
PF427/PF427NC	08	1/2	13.1	0.834	21.1	3000	3.00	76.2	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.