

PF354/PF354NC Series



Applications:

Piranhaflex™ PF354 and PF354NC Series hoses (for non-conductive applications) are ideal for medium pressure hydraulic hose applications for hydraulic oil and lubrication lines.

Construction:

Piranhaflex™ PF354 & PF354NC Series hoses consist of three individual components bonded to ensure maximum performance.

Tube — Seamless nylon inner tube.

Reinforcement — Braided high tensile strength fiber reinforcement.

Cover — PF354 Series hose has a black abrasion resistant polyurethane pin picked cover; PF354NC Series hose has an Orange non-conductive (REACH Compliant), non-pin picked abrasion resistant polyurethane cover.

Features:

- Meets or exceeds SAE J517 Standards
- Tested at ½ bend radius under SAE Standards
- Exceeds 100R7 impulse requirements
- Light weight and flexible
- Ideal for general hydraulic services

Packaging:

- Hoses supplied in 250 ft. reels & 50 ft. box lengths. All reels will have no more than 2 pieces, with no piece less than 50' in length.
- All 50' boxes contain only 1 piece of hose.
- -16 MTO is available upon request.
- All non-standard lengths are treated as a made-to-order item and will require a minimum of 5,000 ft. to manufacture.
- For Twin Line please refer to page 14 for available stock sizes.

Temperature Range: -40°F (-40°C) to +200° F (+93°C) for petroleum based hydraulic fluids.

Nominal Specifications

Series Number	Size Code	Nominal ID		Nominal OD		Max. Working† Pressure (psl)	Min. Bend. Radius		Approx. Weight (lbs./ft.)	Coupling Recommendations
		(in.)	(mm)	(in.)	(mm)		(in.)	(mm)		Two-Piece Couplings
										Ferrule Non-Skive
PF354/PF354NC	02	1/8	3.6	0.322	8.2	3,000	0.75	19	0.03	* F02NPT2
PF354/PF354NC	03	3/16	4.8	0.415	10.5	3,000	0.75	19	0.05	PFR-03
PF354/PF354NC	04	1/4	6.4	0.496	12.6	2,750	1.50	38	0.06	PFR-04
PF354/PF354NC	05	5/16	8.1	0.580	14.7	2,500	1.75	44	0.08	PFR7-05
PF354/PF354NC	06	3/8	9.7	0.650	16.5	2,250	2.00	51	0.11	PFR-06
PF354/PF354NC	08	1/2	13.1	0.834	21.2	2,000	3.00	76	0.16	PFR-08
PF354/PF354NC	12	3/4	19.1	1.050	26.7	1,250	6.00	152	0.22	PFR-12

* Note: One-Piece fitting.

† 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.