

PF354/PF354NC Series



General 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 pricked abrasion resistant polyurethane cover.

Service Temperature Range:

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

Features & Advantages:

- Meets or exceeds SAE J517 Standards.
- Tested at ½ bend radius under SAE Standards.
- Exceeds 100R7 impulse requirements.
- PF354NC Series hoses comply with ANSI 92.2 for Vehicle Mounted Aerial Devices.
- 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.

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
PF354/PF354NC*	02	1/8	3.6	0.322	8.2	3000	0.75	19	0.03	* F02NPT2
PF354/PF354NC*	03	3/16	4.8	0.415	10.5	3000	0.75	19	0.05	PFR-03
PF354/PF354NC*	04	1/4	6.4	0.496	12.6	2750	1.50	38	0.06	PFR-04
PF354/PF354NC*	05	5/16	8.1	0.580	14.7	2500	1.75	44	0.08	PFR7-05
PF354/PF354NC*	06	3/8	9.7	0.650	16.5	2250	2.00	51	0.11	PFR-06
PF354/PF354NC*	08	1/2	13.1	0.834	21.2	2000	3.00	76	0.16	PFR-08
PF354/PF354NC	12	3/4	19.1	1.050	26.7	1250	6.00	152	0.22	PFR-12

*Note: These ID sizes comply with ANSI 92.2 for Vehicle Mounted Aerial Devices.

† 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.



HOSES
ONE-PIECE B SERIES
ONE-PIECE D SERIES
ONE-PIECE F & P SERIES
TWO-PIECE FERRULES (A & PFR SERIES)
TWO-PIECE INSERTS (A SERIES)
TWO-PIECE INTERLOCK FERRULES & INSERTS (X & Z SERIES)
QUICK RELEASE
ASSEMBLY EQUIPMENT
TECHNICAL INFORMATION