



PF354 Series
PF354NC Series
SAE 100R7 Hydraulic Hose (ANSI A92.2)

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SCAN OR VISIT
KOA.link/
PF354



MADE IN THE
USA



GOOD DOWN TO
-65°F

COMPLIANCE DETAILS

Compliances	Size
 ANSI 92.2†	1/8" – 1/2"
 REACH	All sizes
 SAE 100R7	All sizes
 SAE J517	All sizes

† For vehicle mounted aerial devices

APPROVED FITTINGS*

- P Series One-Piece Carbon Steel
- P Series One-Piece Stainless
- A Series Two-Piece (PFR ferrule)

*Dependent on hose size

PACKAGING

- Boxed 250' reels or boxed 50' coils
- No more than two pieces per 250' reel. No piece less than 50'

GENERAL APPLICATIONS

- Industrial equipment and vehicles (construction, agriculture, material handling, etc.)
- Aerial equipment (PF354NC only)
- Hydraulic oil and lubrication lines

CONSTRUCTION

Tube – Nylon

Reinforcement – Braided high tensile strength fibers

Cover – Abrasion resistant polyurethane. Available with conductive black pin pricked cover (PF354), or non-conductive “NC”, orange cover (PF354NC series).

SERVICE TEMPERATURE RANGE

-65°F (-54°C) to +200°F (+93°C) for petroleum based hydraulic fluids

FEATURES AND ADVANTAGES

- **Abrasion Resistant** – Polyurethane cover outlasts rubber versions in applications where the hose rubs against abrasive surfaces.
- **Lightweight** – Approximately 37% lighter weight than similar rubber hoses.
- **Low Temperature Flex** – Designed to flex at temperatures as low as -65°F; well suited for cold storage applications.
- **Meets ANSI A92.2 (PF354NC Series only)** – Meets ANSI insulating requirement for aerial devices used in areas of high electricity. Tested to less than 50 microamperes leakage when subjected to 75,000 volts/ft. for 5 min.
- **Pin Pricked Cover (PF354 Series Only)** – Allows trapped gases to escape when necessary, reducing the risk of cover blistering.



Series Number	Size Code	ID		OD		Max. Working Pressure (psi)		Min. Bending Radius		Weight (lbs/ft)	Coupling Recommendations		
		(in)	(mm)	(in)	(mm)	SAE (SF: 4:1)	ANSI (SF: 3:1)	(in)	(mm)		One-Piece	Two-Piece	
PF354/PF354NC	02	1/8	3.6	0.322	8.2	3000	3000	0.75	19	0.03	P-02XX-XXXX	-	-
PF354/PF354NC	03	3/16	4.8	0.415	10.5	3000	3000	0.75	19	0.05	-	P-03XX-XXXX-SS	PFR-03
PF354/PF354NC	04	1/4	6.4	0.496	12.6	2750	3000	1.50	38	0.06	P-04XX-XXXX	P-04XX-XXXX-SS	PFR-04
PF354/PF354NC	05	5/16	8.1	0.580	14.7	2500	3000	1.75	44	0.08	P-05XX-XXXX	-	PFR7-05
PF354/PF354NC	06	3/8	9.7	0.650	16.5	2250	3000	2.00	51	0.11	P-06XX-XXXX	-	PFR-06
PF354/PF354NC	08	1/2	13.1	0.834	21.2	2000	3000	3.00	76	0.16	P-08XX-XXXX	-	PFR-08
PF354/PF354NC	12	3/4	19.1	1.050	26.7	1250	-	6.00	152	0.22	-	-	PFR-12

Non-stocked size below. Minimum order quantity applies. Contact Kuriyama Customer Service for details.

PF354/PF354NC	16	1	25.4	1.360	34.5	1000	-	8.00	203	0.35	-	-	AFX-16
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Because we continually examine ways to improve our products, we reserve the right to alter specifications or discontinue products without prior notice.