



PF415CP Series
SAE 100R3* Constant Pressure Hydraulic Hose
**meets or exceeds*

GENERAL APPLICATIONS

- Lower pressure hydraulic applications
- Industrial equipment and vehicles, such as used in construction, agriculture and material handling

CONSTRUCTION

Tube – Nylon
Reinforcement – Braided high tensile strength fibers
Cover – Pin pricked, abrasion resistant, conductive polyurethane

SERVICE TEMPERATURE RANGE

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

FEATURES AND ADVANTAGES

- **Isobaric** - Consistent 1,500 PSI working pressure regardless of hose size. Eliminates user risk of hose misapplication within a given pressure system.
- **Abrasion Resistant** – Polyurethane cover outlasts rubber versions in applications where the hose rubs against abrasive surfaces.
- **Lightweight** – Approximately 45% lighter weight than similar rubber hoses.
- **Pin Pricked Cover** – Allows trapped gases to escape when necessary, reducing the risk of cover blistering.



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[KOA.link/
PF415CP](https://KOA.link/PF415CP)



COMPLIANCE DETAILS

Compliances	Size
SAE 100R3*	All sizes
REACH	All sizes

APPROVED FITTINGS

- A Series Two-Piece (PFR3 ferrule)

PACKAGING

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

Series Number	Size Code	ID		OD		Max. Working Pressure (psi)	Min. Bending Radius		Weight (lbs/ft)	Coupling Recommendations		
		(in)	(mm)	(in)	(mm)		(in)	(mm)		One-Piece	Two-Piece	
PF415CP	04	1/4	6.4	0.410	10.4	1500	1.50	38.1	0.05	-	-	PFR3-04
PF415CP	05	5/16	8.1	0.520	13.2	1500	1.75	44.5	0.07	-	-	PFR3-05
PF415CP	06	3/8	9.7	0.610	15.5	1500	2.50	63.5	0.10	-	-	PFR3-06
PF415CP	08	1/2	13.1	0.750	19.1	1500	3.00	76.2	0.12	-	-	PFR3-08

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