



## PF628 Series PF628NC Series SAE 100R8 Hydraulic Hose

### GENERAL APPLICATIONS

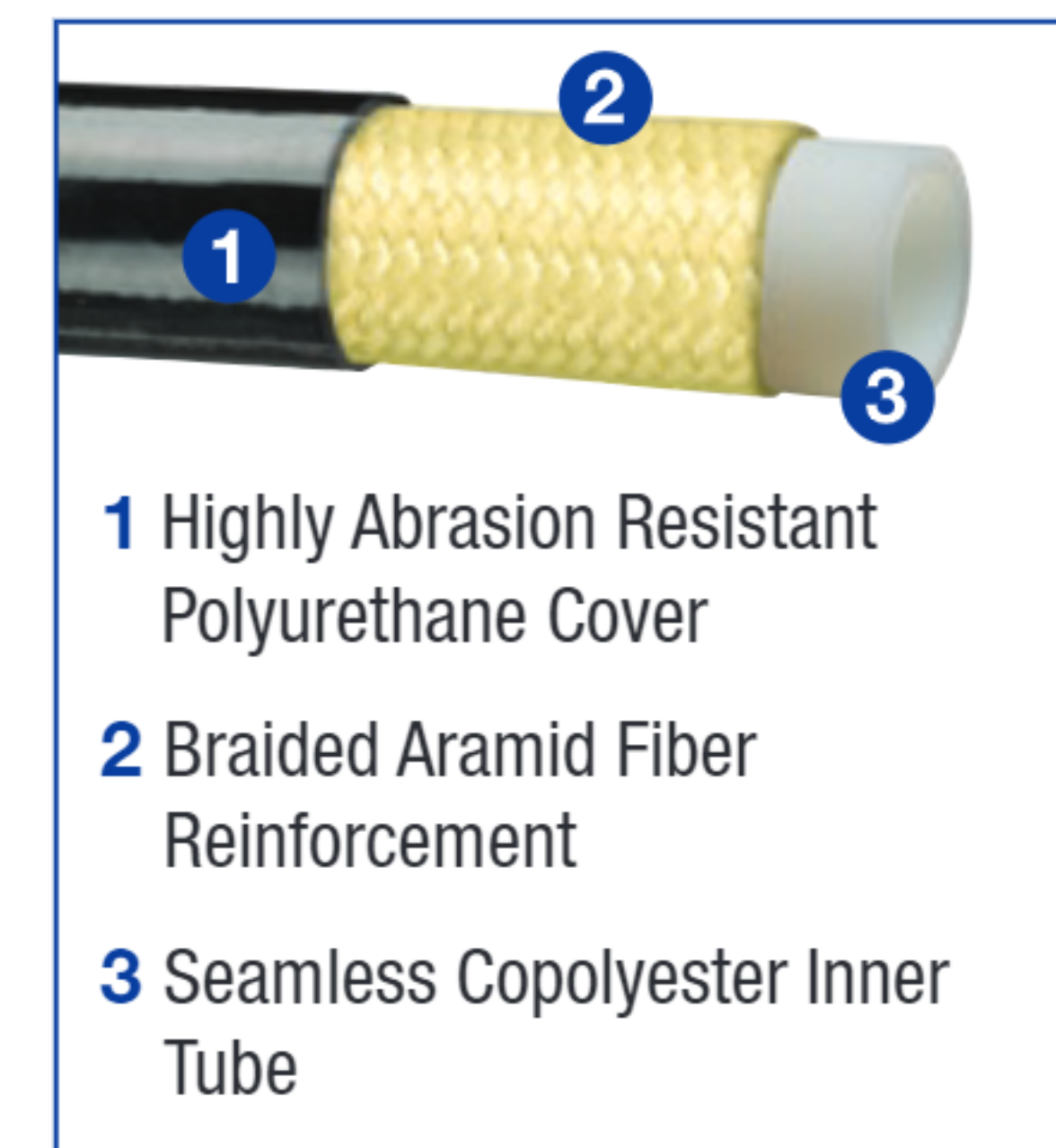
- High pressure hydraulic applications
- Industrial equipment and vehicles (construction, agriculture, material handling, etc.)
- Aerial equipment (PF628NC only)
- Hydraulic oil and lubrication lines
- Hydraulic tools

### CONSTRUCTION

Tube – Copolyester

Reinforcement – Braided aramid fibers

Cover – Pin pricked, abrasion resistant polyurethane, in conductive black (PF628), or non-conductive orange (PF628NC) versions



1 Highly Abrasion Resistant Polyurethane Cover

2 Braided Aramid Fiber Reinforcement

3 Seamless Copolyester Inner Tube





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PF628](http://KOA.link/PF628)



### COMPLIANCE DETAILS

Compliances	Size
 ANSI 92.2 <sup>†</sup>	3/16" – 1/2"
 REACH <sup>^</sup>	All sizes
 SAE 100R8	All sizes
 SAE J517	All sizes

<sup>†</sup> For vehicle mounted aerial devices

<sup>^</sup> NC Series (orange) only

### APPROVED FITTINGS\*\*

- P Series One-Piece Carbon Steel
- P Series One-Piece Stainless

\*\*Dependent on hose size

### PACKAGING

- Boxed 250' reels or boxed 50' coils
- Maximum two pieces per 250' reel, minimum 50' piece length

### SERVICE TEMPERATURE RANGE

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

\*Maximum 140°F (+60°C) for water and phosphate-ester 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.
- **Pin Pricked Cover (PF628 Series Only)** – Allows for the escape of gasses, if necessary, eliminating risk of cover blistering.
- **Low Temperature Flex** – Designed to flex at temperatures as low as -65°F; well suited for cold storage applications.

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	
PF628/PF628NC	04	1/4	6.5	0.485	12.3	5000	2.00	50	0.07	P-04XX-XXXX	P-04XX-XXXX-SS	-
PF628/PF628NC	06	3/8	9.7	0.630	16.0	4000	2.50	64	0.10	P-06XX-XXXX	-	-
PF628/PF628NC	08	1/2	12.9	0.820	20.8	3500	3.50	89	0.17	P-08XX-XXXX	-	-
PF628/PF628NC <sup>#</sup>	12	3/4	19.1	1.050	26.7	2250	4.50	114	0.20	-	-	-

<sup>#</sup> Non-stocked size. Minimum order quantity of 5,000 feet generally applies. Contact Kuriyama Customer Service for details.

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