



PF628 Series PF628NC Series SAE 100R8 Hydraulic Hose

GENERAL APPLICATIONS

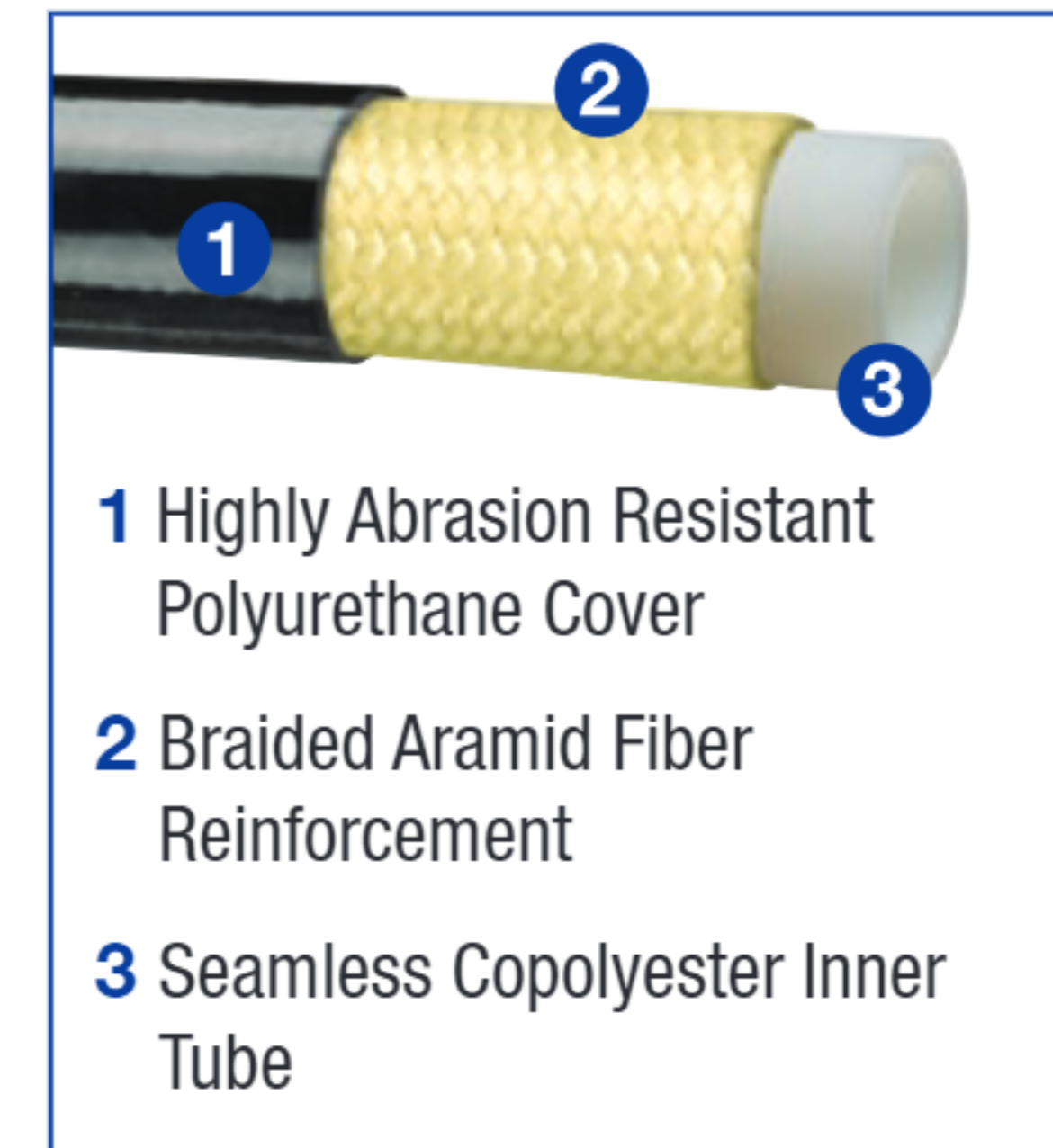
- High pressure hydraulic applications
- Industrial equipment and vehicles (construction, agriculture, material handling, etc.)
- Aerial equipment (PF628NC only)
- Hydraulic oil and lubrication lines
- Hydraulic tools

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



COMPLIANCE DETAILS

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

[†] For vehicle mounted aerial devices

[^] 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 [#]	12	3/4	19.1	1.050	26.7	2250	4.50	114	0.20	-	-	-

[#] Non-stocked size. Minimum order quantity of 5,000 feet generally applies. Contact Kuriyama Customer Service for details.



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