

PF528 Series / PF528NC Series

SAE 100R8 Hydraulic Hose with Kink Resistant Technology





View Up To Date Info



SCAN OR VISIT
[KOA.link/
PF528](http://KOA.link/PF528)



COMPLIANCE DETAILS

Compliances	Size
 SAE 100R8	All sizes
 REACH*	All sizes

*NC Series (orange) only

APPROVED FITTINGS

- A Series Two-Piece (AFX ferrule)

PACKAGING

- Boxed 250' long reels
- Maximum two pieces per 250' reel, minimum 50' piece length

GENERAL APPLICATIONS

- High pressure hydraulic applications
- Industrial equipment and vehicles (construction, agriculture, material handling, etc.)
- Aerial equipment (PF528NC only)
- Hydraulic oil and lubrication lines
- Hydraulic tools

CONSTRUCTION

Tube – Nylon

Reinforcement – Braided, high tensile strength fibers

Cover – Pin pricked, abrasion resistant polyurethane, in conductive black (PF528), or non-conductive orange (PF528NC) versions

SERVICE TEMPERATURE RANGE

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

FEATURES AND ADVANTAGES

- **Kink Resistant Technology** – Proprietary design shown to exhibit 50% better resistance to kink initiation, and 17% less force to bend, versus competitive 100R8 hose in comparison testing.
- **Abrasion Resistant** – Polyurethane cover outlasts rubber versions in applications where the hose rubs against abrasive surfaces.
- **Lightweight** – Approximately 24% 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.
- **Pin Pricked Cover (PF528 Series Only)** – Allows for the escape of gasses, if necessary, eliminating 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)		(in)	(mm)		Carbon Steel	Stainless Steel	Ferrule Non-Skive
PF528/PF528NC [^]	03	3/16	4.8	0.475	12.1	5000	0.75	19	0.073	-	-	AFX-03
PF528/PF528NC	04	1/4	6.5	0.584	14.8	5000	2.00	50	0.112	-	-	AFX-04
PF528/PF528NC	06	3/8	9.7	0.750	19.1	4000	2.50	64	0.154	-	-	AFX-06
PF528/PF528NC	08	1/2	12.9	0.935	23.7	3500	3.50	89	0.236	-	-	AFX-08
PF528/PF528NC	12	3/4	19.1	1.220	30.9	2250	4.50	114	0.352	-	-	AFX-12
PF528/PF528NC [#]	16	1	25.4	1.620	41.1	2000	6.00	152	0.584	-	-	-

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.