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**KOA.link/
PF528**



COMPLIANCE DETAILS

Compliances	Size
 REACH	All sizes
 SAE 100R8	All sizes
 SAE J517	All sizes

APPROVED FITTINGS

- A Series Two-Piece (AFX ferrule)

PACKAGING

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

PF528 Series / PF528NC Series
SAE 100R8 Hydraulic Hose with Kink Resistant Technology

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 – Abrasion resistant polyurethane. Available with conductive black pin pricked cover (PF528), or non-conductive “NC”, orange cover (PF528NC series).

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 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)		(in)	(mm)		One-Piece	Two-Piece	
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
Non-stocked size below. Minimum order quantity applies. Contact Kuriyama Customer Service for details.												
PF528/PF528NC	03	3/16	4.8	0.475	12.1	5000	0.75	19	0.073	-	-	AFX-03
PF528/PF528NC	16	1	25.4	1.620	41.1	2000	6.00	152	0.584	-	-	-

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