

## Piranhaflex 100R7



**Application:** Ideal for medium pressure hydraulic hose applications for hydraulic oil and lubrication lines

- **Construction:** Consists of three individual components bonded to ensure maximum performance
- **Tube:** Seamless nylon inner tube
- **Reinforcement:** Braided high tensile strength reinforcement
- **Cover:** Series PF354 has a black abrasion resistant polyurethane pin pricked cover; Series PF354NC has an orange non-conductive, non-

pin pricked cover

- **Features:** Meets or exceeds SAE J517 standards, Exceeds 100R7 impulse requirements, Lightweight and flexible, Ideal for general hydraulic services
- **Packaging:** Hoses supplied in 250 ft. reels and 50 ft. box lengths

Item #	Nominal I.D.	Nominal O.D.	Max. Operating Pressure	Min. Burst	Proof Pressure	Min. Bend Radius
PF354/PF354NC	3/16 in 4.8 mm	.415 in 10.5 mm	3000 psi 207 bar	12000 psi 827 bar	6000 psi	0.75 in
PF354/PF354NC	1/4 in 6.5 mm	.496 in 12.6 mm	2750 psi 190 bar	11000 psi 759 bar	5500 psi	1.50 in
PF354/PF354NC	5/16 in 7.9 mm	.580 in 14.7 mm	2500 psi 172 bar	10000 psi 690 bar	5000 psi	1.75 in
PF354/PF354NC	3/8 in 9.5 mm	.650 in 16.5 mm	2,250 psi 155 bar	9000 psi 620 bar	4,500 psi	2.0 in
PF354/PF354NC	1/2 in 12.7 mm	.834 in 21.2 mm	2000 psi 138 bar	8000 psi 552 bar	4000 psi	3.0 in
PF354/PF354NC	3/4 in 19.1 mm	1.050 in 26.7 mm	1250 psi 86 bar	5000 psi 354 bar	2500 psi	6.0 in

## Piranhaflex 100R8



Piranhaflex Series 628 is ideal for general purpose high pressure hydraulic applications with working pressures of 2,250 to 5,000 psi (depending on size). This hose is commonly used in industrial hydraulic construction, material handling, and agriculture equipment. Piranhaflex series 628NC has an orange, non pin-pricked cover ideal for use in applications where non-conductive high pressure hydraulic hose is required. Typical applications include: hydraulic tools, lubrication lines, and man lifts. Construction: consists of three individual components chemically bonded to ensure maximum performance Tube: Extruded

seamless polyester inner tube Reinforcement: Aramid fiber reinforcement Cover: Series PF628 has a black abrasion resistant polyurethane pin pricked cover; Series PF628NC has an orange non-conductive, non-pin pricked cover Temperature Range: -40° F (-40° C) to 200° F (93° C) For Hydraulic Fluids Features Extremely durable Good kink resistance Lightweight-less than about half that of comparable rubber/wire hose Meets or exceeds SAE 100R8 impulse requirements at half of SAE recommended bend radius Will not swell or degrade in contact with most hydraulic fluids or oils

Item #	Nominal I.D.	Nominal O.D.	Max. Operating Pressure	Min. Burst	Proof Pressure	Min. Bend Radius	Weight
PF628/PF628NC	1/4 in 6.5 mm	.490 in 12.4 mm	5000 psi 345 bar	20,000 psi 1379 bar	10,000 psi	2.0 in	7 lb/100ft
PF628/PF628NC	3/8 in 9.7 mm	.630 in 16 mm	4000 psi 276 bar	16,000 psi 1,103 bar	8,000 psi	2.5 in	10 lb/100ft
PF628/PF628NC	1/2 in 12.9 mm	.820 in 20.8 mm	3,500 psi 241 bar	14,000 psi 965 bar	7,000 psi	4.0 in	17 lb/100ft
PF628/PF628NC	3/4 in 19.1 mm	1.050 in 26.7 mm	2,250 psi 155 bar	9000 psi 621 bar	4,500 psi	6.5 in	20 lb/100ft