



HDI 500™



Product received may differ from actual photo



- Premium grade single jacket hose.
- Orange DALCOAT treatment.
- Lightweight but rugged.
- High abrasion resistance.

HDI-500™

A premium-grade single jacket hose that is suitable for a variety of functions, HDI-500™ is a 100% polyester hose, treated with orange DALCOAT™ for a measurable increase in abrasion resistance as well as resistance to acids, oils, chemicals and salt water. Lightweight but rugged, this TPU elastomer lined hose has a service test pressure rating of 250 PSI (1750 kPa). HDI-500™ is durable and excellent for industrial, petro-chemical, HazMat, or even trash line application.



Construction: Circular woven, single jacket 100% virgin polyester.
Tube: Extruded T.P.U. elastomer - Ozone and age resistant.
Standard Lengths: 50' and 100' (15,2 and 30,5 m).

How to specify HDI-500™

- The hose shall be of single jacket construction with 100% polyester jacket.
- There shall be a minimum of 10 filler yarns per inch in the jacket.
- The thickness of the lining shall be 0.011" (271 µm) minimum and it shall be constructed of extruded T.P.U. elastomer.
- The outside jacket shall be treated with orange DALCOAT™ elastomer, which shall completely encapsulate the jacket fibers and not merely surface coat the jacket.
- The hose service temperature range shall be -60°F to 140°F (-51°C to 60°C).
- FM abrasion test of 15,000 cycles minimum and Taber abrasion test of 3,000 cycles minimum.
- At 500 PSI (3450 kPa), its elongation shall not exceed 10% of the initial hose length, it shall not warp more than 20 inches (51 cm) and should not rise from the test table.
- The 1 1/2" (38 mm) hose shall not twist more than 18 turns and the 2 1/2" (64 mm) hose shall not more than 9 turns per 100 feet (30,5 m) while at 500 PSI (3450 kPa).
- Minimum service test pressure of 250 PSI (1725 kPa).
- Minimum proof test pressure of 500 PSI (3450 kPa).
- Minimum straight burst test pressure of 750 PSI (5175 kPa).
- The hose while curved to a radius of 27" (69 cm) shall not burst at less than 250 PSI (5175 kPa).

HDI-500™ PHYSICAL PROPERTIES

Hose size	Spec number	Coupling bowl size	Weight / 100 ft (30,5 m) uncoupled	Coil dia. / 100 ft (30,5 m)	Minimum kink burst test pressure
1 1/2" (38 mm)	6215	1 13/16" (46,0 mm)	16.5 lbs (7,5 kg)	17" (43 cm)	375 PSI (2600 kPa)
2 1/2" (64 mm)	6225	2 13/16" (71,4 mm)	40 lbs (18,1 kg)	19" (48 cm)	375 PSI (2600 kPa)

Meets or exceeds NFPA 1961, UL and FM specifications.



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