

HERCULES® 500

HERCULES® 500 IS A HIGHLY VERSATILE, DURABLE, AND ABRASION-RESISTANT MULTIPURPOSE HOSE ENGINEERED FOR USE IN HARSH CONDITIONS. THIS PRODUCT IS IDEAL FOR ROCK DRILLING, AIR HAMMER, WATER JETTING APPLICATIONS, HEAVY CONSTRUCTION, MINING, QUARRY OPERATIONS, PETROLEUM/SOLVENT TRANSFER SOLUTIONS, AND WASH-DOWN OPERATIONS.



RESISTANCE



BRANDING: Thermoid Hercules Multipurpose Hose Size I.D. 500 & 1000 PSI WP MSHA 1C-114/1 Made In USA Non-Conductive

COVER COLOR: Yellow

CONSTRUCTION: Non-Conductive

- Safety Assurance
- TUBE:** Nitrile Blend, ARPM - Class A
 - Capable of Handling Diesel, Kerosene and Gasoline
 - Capable of Handling Bio-Diesel and Water
- COVER:** ARPM - Class A Caroxylated Nitrile Blend
 - Abrasion Resistant
 - Oil Resistant
 - Other Petroleum Products Resistant
- REINFORCEMENT:** See Table Below
 - Provides a Working Pressure to 500 psi
 - More Flexible than Braid Reinforced Hose
 - Easier to Route Assemblies
 - Easier to Coil and Handle
 - Less Susceptible to Premature Failure than Braided Hose if Subjected to Torque

TEMPERATURE RANGE: -40°F to +212°F, -40°C to +100°C

- PACKAGING:** Reels
- 250-700 ft. Reels Depending on I.D.

MOLDED COVER PROCESS

- MSHA Approved Cover
- Yellow Showroom Quality Color
- Flame Resistant

MULTIPURPOSE HOSE

- Ideal for Extra Heavy Duty Use in Pneumatics or the Transfer of Liquids that Include Solvents, Oils or Other Petroleum Products
- Can be Used in a Wide Variety of Applications in Many Different Markets (Poultry, Construction, Mining, Quarry, Water Jetting)

Product Number	Packaging	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	Reels (ft.)	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
HERCULES 500												
22454168662	500-700*	¼	6.35	0.63	15.88	4-Spiral Polyester Yarn	500	3.45	1.50	38.10	0.14	0.21
22454248662	500-700*	⅜	9.53	0.75	19.05	4-Spiral Polyester Yarn	500	3.45	2.25	57.15	0.21	0.31
22454328662	500-700*	½	12.70	0.91	23.02	4-Spiral Polyester Yarn	500	3.45	3.00	76.20	0.24	0.36
22454488662	500-700*	¾	19.05	1.19	30.16	4-Spiral Polyester Yarn	500	3.45	4.50	114.30	0.36	0.54
22454648662	300-500*	1	25.40	1.50	38.10	4-Spiral Polyester Yarn	500	3.45	7.00	177.80	0.51	0.76
22454808662	300-450*	1-¼	31.75	1.75	44.45	4-Spiral Aramid Fiber	500	3.45	8.75	222.25	0.66	0.98
22454968662	250-350*	1-½	38.10	2.09	53.18	4-Spiral Aramid Fiber	500	3.45	10.50	266.70	0.70	1.04
00454532400	250	2	50.80	2.64	67.06	4	500	3.45	16.00	406.40	1.41	2.08