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EXCALIBUR™ MULTIPURPOSE

Excalibur is a highly versatile multipurpose hose designed for high pressure, extreme temperatures and working environments. Excalibur is ideal for use in air, water or petroleum applications in heavy construction, mining or quarry operations. It also provides superior service for washer operations in meat and poultry plants or agricultural sprays. Excalibur is **non-conductive**, flame resistant and is MSHA approved with a Class A RMA rating. Excalibur has a spiral polyester yarn construction that maximizes flexibility and strength while providing a constant 500 psi working pressure. A highly visible yellow, NBR/PVC blend cover provides excellent resistance to fats, oils, kerosene and gasoline. Excalibur provides smooth, constant performance in temperatures ranging from -40°F to +212°F. The cover is not as abrasion resistant as our Hercules hose, but provides economical value in high pressure applications.



Resistance:



Branding:

Thermoid Excalibur Multipurpose
Hose Size I.D. 500 PSI WP MSHA
1C-114/1 Made In USA Electrically
Non-conductive

Cover Color:	Yellow
Oil Resistance:	High
Construction:	
Tube:	NBR/PVC, RMA Class A
Cover:	NBR/PVC, RMA Class A, MSHA Approved
Reinforcement:	Spiral polyester yarn
Temperature Range:	-40°F to +212°F -40°C to +100°C
Packaging:	Reels

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
22574168662▲	1/4	6.35	0.63	15.88	4	500	3.45	1.50	38.10	0.16	0.24
22574248662	3/8	9.53	0.75	19.05	4	500	3.45	2.25	57.15	0.22	0.33
22574328662	1/2	12.70	0.91	23.02	4	500	3.45	3.00	76.20	0.24	0.36
22574488662	3/4	19.05	1.19	30.16	4	500	3.45	4.50	114.30	0.37	0.55
22574648662	1	25.40	1.50	38.10	4	500	3.45	7.00	177.80	0.51	0.76

▲ = Make To Order (MTO)

HERCULES® 500 MULTIPURPOSE

Hercules 500 is a multipurpose hose that is durable enough to stand up to the toughest construction job. Engineered to withstand harsh conditions, Hercules 500 is an extremely abrasion resistant hose that is ideal for use in agriculture, factory, foundry, mining, quarry and many other industrial applications. Hercules 500 is non-conductive and MSHA approved with a Class A RMA rating. Hercules 500 has a spiral polyester yarn construction that maximizes flexibility and strength while providing a constant 500 psi working pressure and a 4:1 burst safety factor. A highly visible, fluorescent yellow, carboxylated NBR/PVC blend cover provides superior resistance to abrasion, oils and other petroleum based products. These features make Hercules 500 ideal for extra heavy duty pneumatic use or for the transfer of many liquids, including oils, fats, kerosene, gasoline and solvents in temperatures ranging from -40°F to +212°F.



Resistance:



Branding:

Thermoid Hercules Multipurpose
Hose Size I.D. 500 PSI WP MSHA
1C-114/1 Made In USA
Non-conductive

Cover Color:	Yellow
Oil Resistance:	High
Construction:	
Tube:	NBR/PVC, RMA Class A
Cover:	NBR/PVC, carboxylated nitrile blend RMA Class A
Reinforcement:	4-spiral polyester yarn - 1/4", 3/8", 1/2" sizes
Temperature Range:	-40°F to +212°F -40°C to +100°C
Packaging:	Reels

Product Number	Nominal I.D.		Nominal O.D.		Reinforcement Spirals	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
22454168662	1/4	6.35	0.63	15.88	4	500	3.45	1.50	38.10	0.14	0.21
22454248662	3/8	9.53	0.75	19.05	4	500	3.45	2.25	57.15	0.21	0.31
22454328662	1/2	12.70	0.91	23.02	4	500	3.45	3.00	76.20	0.24	0.36
22454488662	3/4	19.05	1.19	30.16	4	500	3.45	4.50	114.30	0.36	0.54
22454648662	1	25.40	1.50	38.10	4	500	3.45	7.00	177.80	0.51	0.76
22454808662	1-1/4	31.75	1.75	44.45	4	500	3.45	8.75	222.25	0.66	0.98
22454968662	1-1/2	38.10	2.09	53.18	4	500	3.45	10.50	266.70	0.70	1.04