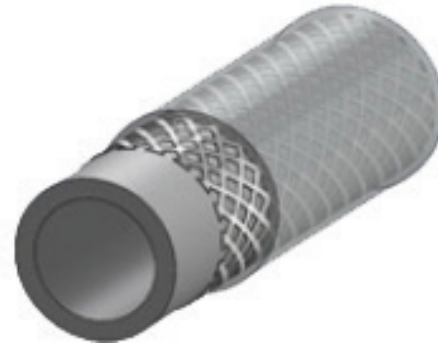
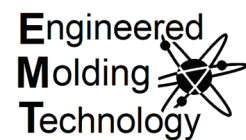


# ASTR Braid reinforced silicone hose

ASTR is a platinum-cured braid reinforced silicone hose produced in a clean-room environment for the biopharmaceutical industry. The production process is controlled by an ISO compliant quality system. Each production batch is assigned a unique lot number for full lot traceability from raw material to finished good.



- Meets or exceeds USDA and FDA 21 CFR 177.2600 regulation for contact with drugs and food (3A Sanitary Standards)
- Meets or exceeds USP Class VI (121° C, 60 min), European Pharmacopeia 3.1.9 (current version) and ISO 10993 (3, 5, 6, 10, 11)
- Complete lot traceability of materials
- Animal Derived Component Free (ADCF)
- Temperature range: -80° F to 400° F
- Can be sterilized by autoclave or gamma irradiation ( $\leq 50$  kGy)
- Available with validated Sterility Assurance Level of  $10^{-6}$  by gamma irradiation per ISO 11137 Method Vdmax 25
- Certificate of Conformance provided with each lot
- All sizes available in 25 ft (T)
- 50 ft (F) and 100 ft (H) lengths available depending on size
- Custom sizes, lengths and packaging available upon request
- Complete validation package available upon request
- Molding capabilities available for custom applications
- Manufactured in an ISO 7 certified clean room (class 10,000)



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## Part numbers and specifications

	ASTR250-A65	ASTR375-A65	ASTR500-A65	ASTR625-A65	ASTR750-A65	ASTR875-A65	ASTR1000-A65
Inner diameter	0.250 in	0.375 in	0.500 in	0.625 in	0.750 in	0.875 in	1.000 in
Outer diameter	0.490 in	0.625 in	0.800 in	0.965 in	1.125 in	1.235 in	1.375 in
Wall thickness	0.120 in	0.125 in	0.150 in	0.170 in	0.187 in	0.180 in	0.187 in
Working pressure (psi @68° F)	0.155 psi	135 psi	125 psi	105 psi	90 psi	75 psi	55 psi
Minimum bend radius	1.50 in	1.75 in	2.00 in	2.50 in	3.00 in	3.50 in	4.00 in
Minimum burst pressure (psi @ 68° F)	625 psi	550 psi	500 psi	420 psi	365 psi	300 psi	220 psi

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