



Smooth Bore (lined) Interlocked Metal Hose

HTSS5000 Series

HTGS5000 Series

HTGG5000 Series

Hose Material Indicated by Directional Arrow Color

Arrow Color	Armor Material	Liner Material
RED	Stainless	Stainless
BLUE	Galvanized	Stainless
BLACK	Galvanized	Galvanized

Construction: Two strips of galvanized or 304 stainless steel wound into an interlocked metal hose consisting of an outer cover (referred to as the armor) and smooth inner liner, with or without packing materials.

Max Service Temperature: Galvanized: to 750°F (399°C),
Stainless: to 1,500°F (816°C)

Note: for packed hoses service temperature see page 19.

Features and Advantages:

- **Highly Abrasion Resistant and Durable** – steel construction resists damage from abrasive and damaging materials. Additionally, liner material provides extra layer of protection for longer hose life.
- **Smooth Bore** – reduces degradation of the transferred materials and improves flow rates. Helps prevent “angel hairing.”
- **Corrosion Resistant (Stainless Only)** – 304 stainless version resists corrosion making it resistant to the elements.

Applications:

- Abrasive material handling
- Bulk truck and railcar unloading
- Dry bulk transfer
- Grain handling
- Transfer of high temperature air, gasses and materials
- Plastic Pellet Transfer
- **Heat Resistant** – can withstand very high temperatures allowing for the transfer of hot materials.
- **Conductive** – prevents the build-up of static electricity eliminating the risk of “hose arcing”.

Nominal Specifications

Series	Armor			Liner		
	Weight	Material	Thickness (in.)	Weight	Material	Thickness (in.)
HTGG5150	Light Weight	Galvanized Steel	0.0150	Light Weight	Galvanized Steel	0.0150
HTGS5150	Light Weight	Galvanized Steel	0.0150	Light Weight	304 Stainless Steel	0.0150
HTSS5150	Light Weight	304 Stainless	0.0150	Light Weight	304 Stainless Steel	0.0150
HTGG5180	Medium Weight	Galvanized Steel	0.0180	Light Weight	Galvanized Steel	0.0150
HTGS5180	Medium Weight	Galvanized Steel	0.0180	Light Weight	304 Stainless Steel	0.0150
HTSS5180	Medium Weight	304 Stainless	0.0180	Light Weight	304 Stainless Steel	0.0150
HTSS5250	Heavy Weight	304 Stainless	0.0250	Medium Weight	304 Stainless Steel	0.0180

Please refer to the back page for the location of your nearest warehouse for availability of products/sizes shown.

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS OR DISCONTINUE PRODUCTS WITHOUT PRIOR NOTICE.



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HTGS5000 Series

HTGG5000 Series

Nominal Specifications

Hose Size I.D. (in.)	HT _ 5150 Series		HT _ 5180 Series		HT _ 5250 Series	
	HTGG – Galv. Armor/Galv. Liner HTGS – Galv. Armor/SS Liner HTSS – SS Armor/SS Liner		HTGG – Galv. Armor/Galv. Liner HTGS – Galv. Armor/SS Liner HTSS – SS Armor/SS Liner		HTSS – SS Armor/SS Liner	
	Lt. Wt. Armor/Lt. Wt. Liner		Med. Wt. Armor/Lt. Wt. Liner		Hvy. Wt. Armor/Med. Wt. Liner	
	Minimum Inside Bend Radius (in.)	Weight (lbs./ft.)	Minimum Inside Bend Radius (in.)	Weight (lbs./ft.)	Minimum Inside Bend Radius (in.)	Weight (lbs./ft.)
1½	5.63	1.10	6.00	1.50	—	—
1¾	6.50	1.35	7.00	1.70	—	—
2	7.50	1.60	8.00	1.90	—	—
2¼	8.50	1.90	9.50	2.10	—	—
2½	9.50	2.10	10.50	2.30	—	—
2¾	10.50	2.30	12.50	2.50	—	—
3	11.50	2.50	14.00	2.80	17.50	3.75
3½	13.50	2.90	15.00	3.20	18.50	4.35
4	15.00	3.40	16.00	3.60	19.50	5.10
4½	17.00	3.75	18.50	4.00	22.00	5.40
5	18.50	4.10	20.50	4.70	24.00	5.60
6	22.00	4.90	24.50	5.60	30.00	6.25
7	26.50	5.80	29.00	6.60	34.00	7.80
8	30.50	6.60	31.50	7.70	37.00	8.80
10	—	—	39.50	9.70	43.00	11.00
12	—	—	47.00	11.70	52.00	13.00
14	—	—	55.00	13.50	60.00	15.50
16	—	—	63.00	15.00	69.00	18.00

NOTE: Standard coil length is 25 ft., **WHEN FULLY EXTENDED;** other lengths available on request.

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