

Stainless Steel

Rough Bore Metal Hose

Packed or Unpacked stainless steel unlined hose available in a variety of metal thicknesses from .010 to .030. Used for longevity and corrosive atmospheres.

Applications

- Exhaust Systems • Conduit • Spouts • Casing
- Chimney Liners • Dry Bulk Product Transfer

Temperature - Low/High	- 60°F to +1500°F
Abrasion - Interior/Exterior	Good/Good
Flexibility	Medium Flexibility
Pressure	Low 5psi Unpacked / 15psi Packed
Chemical	Excellent
Standard Length	25'
Size - ID	.750" to 16" ID

R-200-S / TR190S .010" Strip Thickness

Diameter	Bend Radius (Inches)	Hose Weight (Lbs./Foot)
1.50	6.8	0.49
1.75	7.0	0.57
2.00	7.5	0.64
2.25	7.8	0.72
2.50	8.5	0.80
2.75	9.2	0.87
3.00	10.0	0.95
3.50	10.5	1.10
4.00	14.5	1.40
4.50	16.3	1.50
5.00	18.0	1.70
6.00	21.8	2.00

Consult factory for additional sizes.



Packing Key

- GT = Gas Tight
- AP = Apyrous Filament
- CC = Cotton Cord
- SS = Stainless Steel
- SIL = Silicone
- CPR = Copper

Temperature		
GT Packing:	-20° to 180°F	(Neg. 20 in. HG) (Pos 20 P.S.I.)
AP Packing:	-40° to 400°F	(Neg. 15 in. HG) (Pos 15 P.S.I.)
CC Packing:	-60° to 300°F	(Neg. 15 in. HG) (Pos 15 P.S.I.)
SS Packing:	-60° to 1500°F	(Neg. 15 in. HG) (Pos 15 P.S.I.)
SIL Packing:	-65° to 500°F	(Neg. 20 in. HG) (Pos 20 P.S.I.)
CPR Packing:	-40° to 500°F	(Neg. 15 in. HG) (Pos 15 P.S.I.)
Unpacked:	-60° to 1500°F	(No pressure rating)

Packed Hose



Unpacked Hose



Customer Service
1-800-346-4673

FEDERAL HOSE[®]
Since 1921

Fax- 1-800-322-8926

www.federalhose.com

**R-300-S / TR342S
.015" Strip Thickness**

Diameter	Bend Radius (Inches)	Hose Weight (Lbs./Foot)
1.50	6.9	0.75
1.75	7.0	0.86
2.00	8.0	0.98
2.25	9.0	1.09
2.50	10.0	1.21
2.75	11.0	1.33
3.00	12.0	1.45
3.50	16.5	1.68
4.00	18.0	1.91
4.50	19.0	2.14
5.00	19.5	2.39
6.00	23.5	2.85
7.00	26.4	3.32
8.00	27.0	3.78
10.00	N/A	N/A
12.00	N/A	N/A
14.00	N/A	N/A
16.00	N/A	N/A

**R-360-S / TR490S
.018" Strip Thickness**

Diameter	Bend Radius (Inches)	Hose Weight (Lbs./Foot)
1.50	7.3	0.94
1.75	7.5	1.10
2.00	7.8	1.23
2.25	8.8	1.40
2.50	9.7	1.53
2.75	10.7	1.67
3.00	11.7	1.82
3.50	12.2	2.11
4.00	14.1	2.40
4.50	16.0	2.70
5.00	17.8	2.99
6.00	21.0	3.57
7.00	24.5	4.16
8.00	27.5	4.64
10.00	28.0	5.79
12.00	34.0	6.94
14.00	42.0	8.08
16.00	48.0	9.20

**R-500-S / TR590S
.024" Strip Thickness**

Diameter	Bend Radius (Inches)	Hose Weight (Lbs./Foot)
2.00	8.3	1.62
2.25	9.4	1.80
2.50	10.0	2.00
2.75	11.5	2.18
3.00	12.5	2.38
3.50	12.7	2.77
4.00	14.5	3.15
4.50	16.3	3.53
5.00	18.1	3.92
6.00	25.0	4.68
7.00	29.2	5.45
8.00	28.0	6.22
10.00	35.0	6.98
12.00	42.0	7.75
14.00	49.0	9.29
16.00	56.0	10.60

**R-600-S
.030" Strip Thickness**

Diameter	Bend Radius (Inches)	Hose Weight (Lbs./Foot)
2.00	10.5	1.92
2.25	10.8	2.12
2.50	12.0	2.36
2.75	12.8	2.60
3.00	14.0	2.83
3.50	15.5	3.28
4.00	16.5	3.74
4.50	18.0	4.19
5.00	20.0	4.65
6.00	26.0	5.56
7.00	29.2	6.47
8.00	33.5	7.38
10.00	41.5	9.20
12.00	50.0	11.02
14.00	58.5	12.84
16.00	66.8	14.70

Consult factory for additional sizes.

Our metal hose is available in a wide range of precise cut lengths; please specify at the time of order. Standard rough bore bulk hose is available in 10 and 25 foot lengths.

Our metal hoses are sold in lengths measured in the relaxed position, that is midway between fully extended and fully compressed. This provides 10% greater product yield over competitive products which are measured in the fully extended position.

Customer Service
1-800-346-4673



www.federalhose.com

Fax- 1-800-322-8926