

Smooth Bore Metal Hose

Federal's SuperFlex metal hoses offer faster flow and less energy consumption due to their "Smooth Bore" interior surface. "Smooth Bore" hose virtually eliminates product damage and degradation so often attributed to the 'excess turbulence' caused by the internal roughness of other hoses.

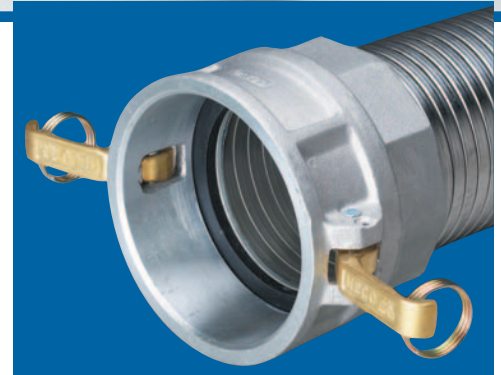
Applications

Pneumatic and gravity feeding of bulk materials for: ships and barges, elevators, silos, rail cars, trucks, tanks, portable in-plant and off-site locations.



Temperature - Low/High	- 60°F to +1500°F
Abrasion - Interior/Exterior	Good/Good
Flexibility	Stiff
Pressure	15psi Packed (Cotton)
Chemical	Excellent
Standard Length	25'
Size - ID	1.50" to 16" ID

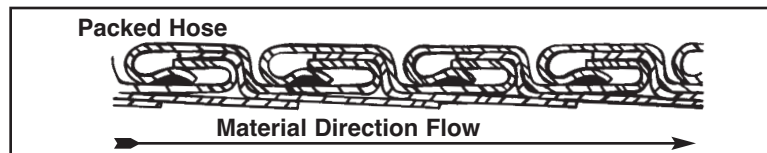
Catalog Order Code	Armor Material	Armor Thickness	Liner Material	Liner Thickness	Extension-Compression % of Length
SF300 Light Duty	Type 304 Stainless Steel	.015"	Type 304 Stainless Steel	.015"	±2%
SF400 Med. Duty	Type 304 Stainless Steel	.018"	Type 304 Stainless Steel	.015"	±1 ^{1/2} %
SF500 Heavy Duty	Type 304 Stainless Steel	.018"	Type 304 Stainless Steel	.018"	±1%



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. 10 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)	

Packing Key

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



SuperFlex 300 • Light Duty

Diameter	Superflex 300 Part #	Bend Radius (Inches)	HoseWeight (Lbs./Foot)
1.50	11626	9.2	1.29
1.75	11301	11.5	1.50
2.00	11628	13.0	1.71
2.25	11302	14.5	1.91
2.50	11630	15.0	2.12
2.75	10717	15.9	2.31
3.00	11633	18.0	2.52
3.50	10718	18.6	2.93
4.00	11635	19.1	3.35
4.50	10719	22.0	3.76
5.00	11637	25.0	4.18
6.00	11639	27.0	4.99
7.00	10387	29.0	5.82
8.00	11641	32.0	6.65

SuperFlex 400 • Medium Duty

Diameter	Superflex 400 Part #	Bend Radius (Inches)	HoseWeight (Lbs./Foot)
1.50	11449	12.4	1.45
1.75	11450	14.0	1.68
2.00	11453	16.5	1.92
2.25	10388	17.0	2.15
2.50	11487	18.1	2.37
2.75	10721	18.3	2.60
3.00	11460	20.0	2.82
3.50	10722	21.0	3.29
4.00	11462	22.5	3.75
4.50	11303	24.8	4.21
5.00	11489	26.9	4.68
6.00	11492	31.0	5.59
7.00	11304	32.5	6.52
8.00	11494	36.0	7.74
10.00	11500	50.0	9.65
12.00	11501	60.0	11.65
14.00	11305	70.0	13.47
16.00	11306	80.0	15.39

SuperFlex 500 • Heavy Duty

Diameter	Superflex 500 Part #	Bend Radius (Inches)	HoseWeight (Lbs./Foot)
2.00	13773	17.0	2.12
2.25	14817	17.5	2.35
2.50	13892	18.6	2.57
2.75	Consult Factory	19.0	2.80
3.00	11703	20.5	3.03
3.50	10725	21.3	3.52
4.00	10648	22.0	4.02
4.50	10726	25.0	4.51
5.00	10650	27.5	4.98
6.00	10651	33.0	5.99
7.00	10728	37.0	7.31
8.00	10652	39.0	8.36
10.00	10653	42.0	10.50
12.00	10729	47.0	12.48
14.00	10730	55.0	14.54
16.00	10731	62.5	16.56

Consult factory for additional sizes.

Customer Service
1-800-346-4673

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