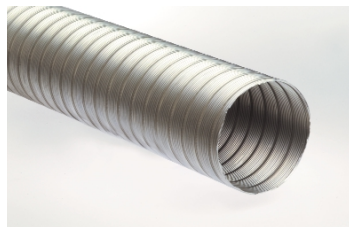
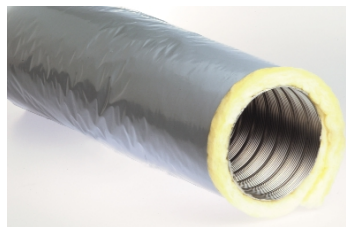


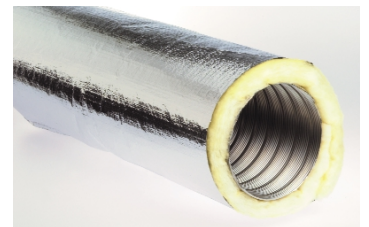
Clevaform SS-Series Corrosive Resistant Flexible Duct



Type SS



Type SSFV



Type SSFA

Construction:	One ply of corrugated stainless steel with interlocked seams, folded flat and knurled for air-tightness, strength and flexibility.	Type SSFV has a Type SS core wrapped with fiberglass insulation and sleeved in a polyethylene vapor barrier.	Type SSFA has a Type SS core wrapped with fiberglass insulation and sleeved in a fiberglass reinforced metalized polyester vapor barrier.
Length:	10' standard	10' standard	10' standard
Operating Temp:	0° – 1400°F	10° – 200°F	10° – 200°F
Velocity:	5000 FPM	5000 FPM	5000 FPM
Working Pressure:	15" WC positive and negative	15" WC positive and negative	15" WC positive and negative
Burst Pressure:	60" WC	60" WC	60" WC
1-Ply Stainless Steel Core:	.004" thick, SS 316 annealed	.004" thick, SS 316 annealed	.004" thick, SS 316 annealed
Insulation:	NA	1-1/2" thick, .5 lb density min.	1-1/2" thick, .5 lb density min.
R-Value:	NA	4.5 and 6.0 available	4.5 and 6.0 available
Vapor Barrier:	NA	0.17 perms	0.05 perms

ID Size		3"	4"	5"	6"	7"	8"	9"	10"	12"	14"	16"	18"
Weight oz/ft	Type SS	3.8	5.3	6.4	7.7	9.0	10.4	11.5	12.8	15.4	17.9	20.5	23.0
	Type SSFV, SSFA	5.7	7.4	8.8	10.5	11.9	13.9	16.0	17.6	21.1	24.6	28.2	31.7
Crush Strength – lbs/ft		160	150	140	130	120	110	100	90	80	70	60	50
Span – Max Unsupported		6'	8'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'

Note: ID Sizes are nominal and weights are approximate.

Clevaform





Clevaform SS-Series

Corrosive Resistant Flexible Duct

Applications:

1. For main trunk and return lines.
2. Vertical take-off from supply duct to single outlet to compensate for misalignment.
3. Connecting lines from mixing boxes in the main trunk systems or directly from the plenum to room inlets or diffusers.
4. Connecting lines to under-window perimeter units.
5. Connector to combination light troffers.
6. Connector from low pressure side of attenuation boxes to diffusers.
7. Connector from hot and cold duct to mixing boxes on high pressure side of dual duct systems.

Performance Benefits:

1. Improved Air Flow – maintains a constant cross-sectional area throughout a bend with pressure loss comparable to die-formed elbows.
2. Flexible and Easy to Install – will not kink on 90° bends making it easy to use in tight areas.
3. Economical Installation – easily field-cut to desired length eliminating waste and reducing handling costs.
4. Self-Supporting – semi-rigid construction eliminates sag and droop between connection points providing a neat finished appearance.
5. Corrosion Resistance – all metal construction will not rust or rot, and is impervious to damage by mold or mildew.
6. Fire Resistant – all metal construction allows continuous operating temperatures from 200°F.
7. Quiet – corrugated construction reduces the transmission of mechanical vibration and noise.

Suggested Specification(s):

Contractor shall furnish and install Clevaform SS-Series Corrosive Resistant Flexible Duct: Type SS, Type SSFV, or Type SSFA as manufactured by Clevaflex, Ltd in sizes and locations where indicated on drawings.

Clevaform Type SS shall be all-metal, semi-rigid construction, consisting of a single ply stainless steel strip, corrugated for strength and flexibility, with seams interlocked, folded flat, and knurled for air-tightness.

Clevaform Type SSFV shall consist of a Type SS core and be wrapped with fiberglass insulation and sleeved in a polyethylene vapor barrier.

Clevaform Type SSFA shall consist of a Type SS core and be wrapped with fiberglass insulation and sleeved in a fiberglass reinforced metalized polyester vapor barrier.

Duct connections to equipment and outlet collars shall be made in accordance with the manufacturer's recommendations.

Note 1: Since installation of the materials and conditions of use are important factors in obtaining satisfactory results and are beyond our control, Clevaflex can make no warranties, expressed or implied, including warranties of merchantability and fitness for a particular purpose, with respect to the material or its use or performance. All consequential damages whatsoever are expressly excluded.

Note 2: The statements regarding the characteristics, properties and performance of the materials described herein are based on data believed reliable, but no guarantee of their accuracy is made and such statements should not be construed as warranties or as the basis therefore.

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