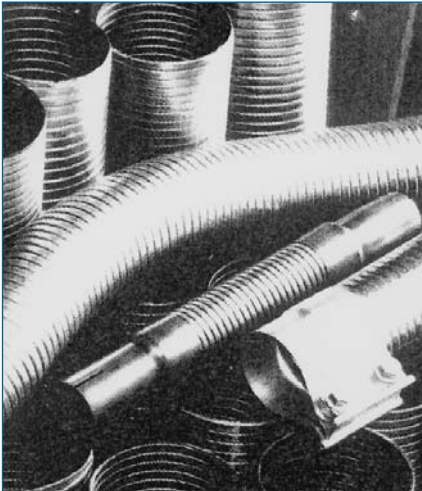


tyco

Flow Control

Flexible Piping Systems



Tyco Flexible Piping Systems manufacture a comprehensive range of polylock stripwound hose for use on engine exhaust and flue duct applications. Hoses are available in either stainless steel or galvanised steel.

Construction

Tyco Flexible Piping Systems polylock stripwound hose for exhaust and flue duct applications is made by winding profiled metal strip into a hose. The strip edges being completely interlocked. The diameter of the hose remains constant when hose is cut. Austenitic stainless steel hose is made from strip to AISI 304. Galvanised steel hose is made from deep drawn carbon steel electro-plated zinc galvanised strip to AS 1397-1973.

Performance

Stripwound hose is capable of accepting axial and torsional movements. Stainless steel offers longer service life and freedom from corrosion. The superior visual appearance and higher operating temperature capability of stainless steel may also be important in certain applications. Galvanised steel offers significantly lower initial cost for applications where performance of stainless steel is not required. The standard thickness of material shown in the data has been chosen in light of many years experience. For particular applications, alternative hose types and thicknesses are available on request.

Duties

Particularly suitable for absorbing vibration, thermal expansion in engine exhaust systems for commercial and industrial applications. Accommodate bends and offsets in solid fuel burning installations or in other ducting applications.

Lengths and end fittings

Hoses are available either in random lengths, or cut to the customer's specific requirements. Hoses are supplied in mid position unless otherwise specified. Hoses without end fittings may be attached directly to manifolds by clamping. End fittings may be attached by welding or brazing using a suitable filler rod.

 **FLEXONICS**

Metal Hose - Stripwound Polylock Exhaust Hose

Type 150P/150PS

Polylock Exhaust Hose - Type 150 PS - Stainless Steel Type 150 P – Galvanised Steel

Nominal Internal Diameter		Approximate External Diameter		Minimum Bend Radius		Approximate Weight	
mm	in	mm	in	mm	in	kg/m	lb/ft
32	1 1/4	35	1 3/8	230	9	0.76	0.51
38	1 1/2	42	1 5/8	250	10	0.89	0.60
42	1 5/8	45	1 3/4	262	10 1/2	1.00	0.67
45	1 3/4	48	1 7/8	280	11	1.03	0.69
48	1 7/8	50	2	280	11	1.07	0.72
50	2	53	2 1/8	300	12	1.10	0.74
56	2 1/4	60	2 3/8	312	12 1/2	1.25	0.84
65	2 1/2	66	2 5/8	330	13	1.49	1.00
70	2 3/4	72	2 7/8	406	16	1.56	1.05
75	3	78	3 1/8	406	16	1.73	1.16
90	3 1/2	91	3 5/8	460	18	2.08	1.40
100	4	103	4 1/8	500	20	3.00	2.01
112	4 1/2	112	4 5/8	500	20	3.35	2.25
125	5	128	5 1/8	525	21	3.65	2.45
150	6	153	6 1/8	525	21	4.46	3.00

Flueflex stainless steel

Nominal Internal Diameter		Approximate External Diameter		Minimum Bend Radius		Approximate Weight	
mm	in	mm	in	mm	in	kg/m	lb/ft
150	6	153	6 1/8	525	21	3.35	2.26
200	8	207	8 1/8	740	29	6.04	4.06

Note: For Heavy Duty Flueflex Use 150 PS

