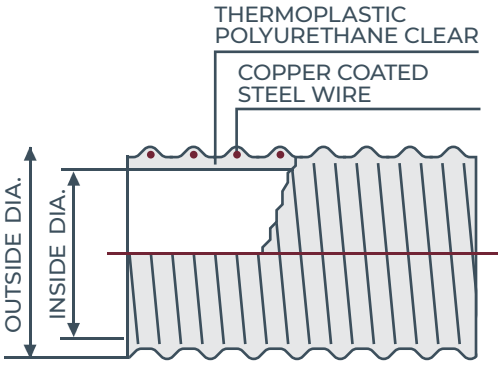
Kanaflex®
The Original Flexible Hose

flexDUCT™ U 520 (520U)

Lightweight blower and ducting hose

A lightweight, abrasion-resistant ducting solution. The flexDUCT™ U 520 features a multi-directional, kink-resistant design with a copper-coated steel wire helix for static safety. Ideal for dust collection, vapor recovery, and woodworking, it performs reliably in temperatures from -60°F to 200°F.



FEATURES

The multi-directional design allows the hose to flex in multiple directions without kinking or collapsing, making it ideal for dynamic environments where hoses must navigate around obstacles or move with equipment. For safety against static, the hose is also equipped with a copper coded steel wire helix.

APPLICATIONS

This product is specifically designed for applications requiring high abrasion resistance, including dust collection, vapor recovery, and woodworking.

CONSTRUCTION

Flexible clear polyurethane, copper coded steel wire helix, smooth bore, corrugated O.D., bi-directional design.

TEMP. RANGE

-60 °F to 200 °F

NOTE

Built with FDA-compliant polyurethane materials

AVAILABLE SIZES

ID in / mm	OD in / mm	Minimum Bend Radius in / mm	Working Pressure PSI / bar	Vacuum Rating inHg / kPa	Weight lb/ft / kg/m	Standard Length ft / m
3 / 76.2	3.270 / 83.1	3.5 / 89	30 / 2.07	29 / 98.2	0.40 / .60	25, 50 / 7.6, 15.2
4 / 101.6	4.330 / 110.0	3.5 / 89	20 / 1.38	24 / 81.3	0.50 / .74	25, 50 / 7.6, 15.2
5 / 127.0	5.330 / 135.4	4.5 / 114	18 / 1.24	15 / 50.8	0.55 / .82	25, 50 / 7.6, 15.2
6 / 152.4	6.340 / 161.0	5.5 / 140	15 / 1.03	11 / 37.3	0.89 / 1.32	25, 50 / 7.6, 15.2
7 / 177.8	7.360 / 186.9	5.5 / 140	13 / .90	10 / 33.9	0.96 / 1.43	25, 50 / 7.6, 15.2
8 / 203.2	8.460/ 214.9	6.5 / 165	10 / .69	11 / 37.3	1.14 / 1.70	25, 50 / 7.6, 15.2
10 / 254.0	10.560 / 268.2	7.5 / 191	7 / .48	5 / 16.9	1.40 / 2.08	25, 50 / 7.6, 15.2
12 / 304.8	12.600 / 320.0	10.0 / 254	6 / .41	3 / 10.2	1.68 / 2.50	25, 50 / 7.6, 15.2

Over flexing or repeated flexing of hose within 18" of fitting is a common cause of hose failure. Installing a 12"-14" section of our Banding Coil at the end of the hose should be considered. ***Kanaflex will not be responsible for damage to hose due to over flexing.***