



Duct Wires:

Duct Wires is used in all types of flexible ducts-Made of plastic, polyester fibre, metallised. Main function of all duct wires is to maintain the shape of the duct and ease of installation and commissioning. Duct wires are manufactured by superior quality steel wire rod and state of art equipment in the manufacturing process. The QMS systems ISO and IATF 16949 ensures consistent product quality.



Duct wire specifications:

Nominal Diameter		Size Tolerances		Nominal Tensile Range		Tensile Tolerance		Bronze Coating weight	Zinc Coating weight (min)
mm	Inch	mm	Inch	N/mm ²	KPSI	N/mm ²	KPSI	gm/kg	g/m ²
0.80	0.0315	+/-0.02	+/-0.0008	1275-1960	185-284	+200	+29	0.30-1.00	70
0.90	0.0354	+/-0.02	+/-0.0008	1275-1960	185-284	+200	+29	0.30-1.00	70
1.00	0.0394	+/-0.02	+/-0.0008	1275-1960	185-284	+200	+29	0.30-1.00	80
1.20	0.0472	+/-0.02	+/-0.0008	1275-1960	185-284	+200	+29	0.25-0.80	90
1.40	0.0551	+/-0.02	+/-0.0008	1275-1960	185-284	+200	+29	0.25-0.80	100
1.60	0.0630	+/-0.03	+/-0.0012	1275-1960	185-284	+200	+29	0.15-0.60	100
1.80	0.0709	+/-0.03	+/-0.0012	1275-1960	185-284	+200	+29	0.15-0.60	100
2.00	0.0787	+/-0.03	+/-0.0012	1275-1960	185-284	+200	+29	0.15-0.60	115

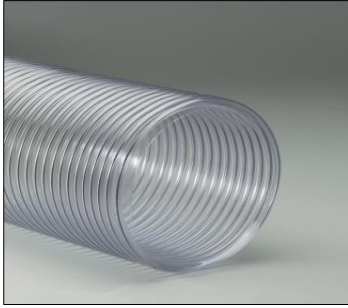
Note: Wire can also be custom made as per customer requirement.

Coil weight:

Nominal Diameter		Coil Weight	Weight Tolerance	Coil Weight	Weight Tolerance
mm	Inch	Kgs		Lbs	
0.80	0.0315	400 -460	+/-15	882-1013	+/-33
0.90	0.0354	400 -460	+/-15	882-1013	+/-33
1.00	0.0394	400 -460	+/-15	882-1013	+/-33
1.20	0.0472	400 -450	+/-20	882-991	+/-44
1.40	0.0551	400 -450	+/-20	882-991	+/-44
1.60	0.0630	400 -450	+/-20	882-991	+/-44
1.80	0.0709	400 -450	+/-20	882-991	+/-44
2.00	0.0787	400 -450	+/-20	882-991	+/-44

Coating types:

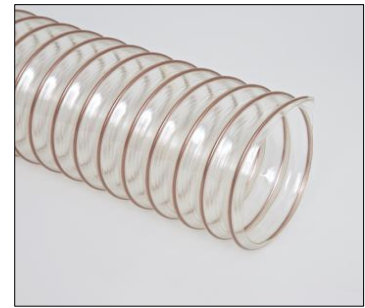
1. Uncoated steel wire



2. Galvanized steel wire



3. Bronze coated steel wire

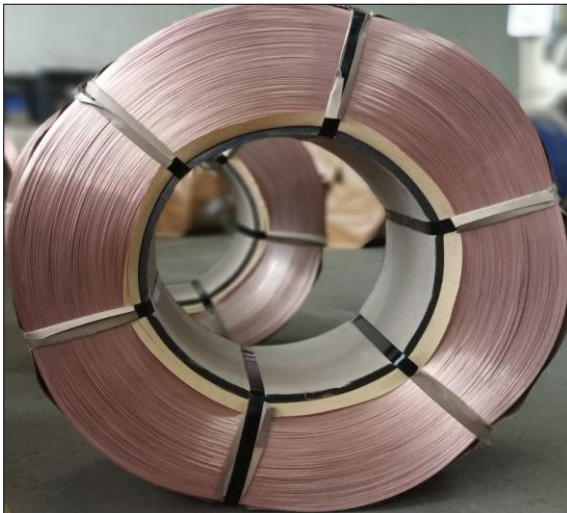


Inspection standards followed:

Standards referred in general	
ASTM: D 4975 / EN 10002-1	Test method for determining the Tensile strength, Diameter.
ASTM: D 2969	Test method for determining the bronze coating weight.
ASTM: A 90/ EN 10244-1	Test method for determining the Zinc coating weight.

Note: Wire can also be manufactured and tested as per customer specification.

Packing type:



Z2 coils (Reel less coils)



Seaworthy Packing for Export wires

Seaworthy packing (Each coil wrapped with V.C.I. paper and covered with LDPE with vacuum sealed).

Two or three Coil stacked together in one wooden pallet.