

Basic Cable Construction

STRAND

Two or more wires laid together — the construction is normally referred to as 1 x the number of wires involved; i.e. 1x7, 1x19, etc.



1x7 (7 WIRES)

This is the basic strand construction which is used in different combinations to construct another strand or other cables. It is somewhat stiff in larger diameters.

1x7 wire can be found in the .010" - Very Fine diameter of Soft Touch™ and all diameters of Econoflex™



1x19 (19 WIRES)

Stronger and more flexible than 1x7 and more symmetrical in configuration, affording still better properties than 1x7.

1x19 wire can be found in all diameters of Extreme™ Soft Flex® wire

CABLE

Three or more strands laid together — the construction is normally referred to as number of strands x number of wires in each strand (for example - 7x7 - see below).



3x7 (21 WIRES)

A combination of three 1x7 strands. Very flexible in small diameters.

3x7 wire can be found in the .014" - Fine diameter of Soft Flex®, Soft Touch™ and Metallics™



7x7 (49 WIRES)

A combination of seven 1x7 strands, affording abrasion resistance and the most flexibility through a wide range of diameters.

7x7 wire can be found in the .019" - Medium and .024" - Heavy diameters of Soft Flex®, Soft Touch™ and Metallics™
