

INSTALLATION GUIDE

U.S. Patent No. 10,898,606 / Other Patents Pending

MANTA - TAK TAPE

Manta-Tak Tape is versatile, Tactile grip tape that utilizes cold fusion technology to achieve adhesion without the need of traditional adhesives. Manta-Tak Tape will begin fusing immediately but may require several hours at room temperature to fully fuse. Once fused, it can not be removed without tearing or cutting. Multiple layering can be utilized to achieve a thicker and more insulating grip. Excellent for hand grips, forend wraps and wire management where traditional mounting techniques aren't available.

HOW TO APPLY

1. Unwind needed length from roll and remove the plastic liner. Recycle the liner or dispose of properly.
2. Stretch material at minimum 50% to maximum 200% when applying.
 - * It is important during application to prevent contaminants from getting between the layers which could inhibit fusion.
3. **DOUBLE WRAP** the object at the start of application. This will prevent slippage of concurring wraps as well as creating a strong bond anchor point.
4. While wrapping; ensure that you continue to stretch 50% to 200% and overlapping a minimum of 25% to the previous layer for optimal fusion.
 - * Manta-Tak Tape relies on surface bond chemistry so repositioning or unwinding once it is in contact with itself will diminish fusion and could result in poor adhesion.
5. At termination of wrap ensure to **DOUBLE WRAP** the object. This will prevent material from unwinding. Sufficient stretch and pressure is absolutely necessary to a proper bond. If unwinding occurs after fusion time is achieved, simply cut back the unwound section.

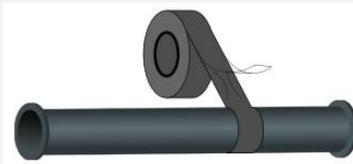
Manta-Tak Tape will achieve optimal fusion with sufficient pressure, stretch and overlaps.

Keep in a tightly sealed container when not in use

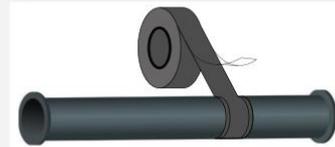
1. To apply, unwind a length of tape from the roll, remove the polymer release liner.



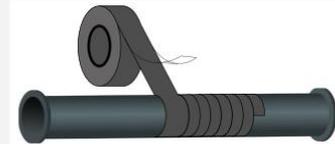
2. Wrap the tape around the object, be sure to stretch the tape as it is being wrapped.



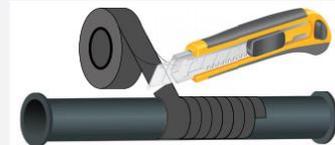
3. Double wrap the first loop.



4. Continue elongating the tape and wrapping with half-laps until the object is covered to the desired extent.



5. To terminate, the last wrap should be under slight elongation, ~50% for unsupported tapes and 5-10% for reinforced tapes, with a whole-lap.



The information contained in this Data Sheet is intended to assist you in designing. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown on the Data Sheet will be achieved by a user for a particular purpose. The user should determine the suitability of Manta-Tak Tape. 040821/RevA