

## PTFE Tape



## DESCRIPTION

**Black Swan PTFE Tape** is a clean, self-lubricating tape, which is used to make threaded connections. It offers a positive pressure seal to 10,000 lbs. PSI from a temperature range from -450° F to +500° F. Thickness is .0035 ± .0005. **Black Swan PTFE Tape** is non-toxic and non-flammable. Meets Federal Specification MIL-T-27730A.

## RECOMMENDATIONS

**Black Swan PTFE Tape** can be used on threaded pipe, valves, fittings, accessories and controls made from all types of materials including:

ALUMINUM	GLASS
BLACK IRON	MONEL
BRASS	NATURAL RUBBER
CHROME	PLASTICS
COPPER	STAINLESS STEEL
GALVANIZED	SYNTHETIC RUBBER

## CHEMICALLY RESISTANT TO:

<ul style="list-style-type: none"><li>• AIR</li><li>• ACID<ul style="list-style-type: none"><li>○ hydrochloric</li><li>○ hydrofluoric</li><li>○ nitric</li><li>○ sulfuric</li></ul></li><li>• ANTI-FREEZES</li><li>• BEVERAGES</li><li>• CORROSIVE CHEMICALS</li><li>• CAUSTICS:<ul style="list-style-type: none"><li>○ ammonium hydroxide</li><li>○ concentrated sodium</li><li>○ potassium hydroxide</li></ul></li><li>• DISTILLED WATER</li><li>• DRY CLEANING FLUIDS</li><li>• ETHERS</li><li>• ETHYLENE GLYCOL</li></ul>	<ul style="list-style-type: none"><li>• Gases cont.<ul style="list-style-type: none"><li>○ L.P. gas</li><li>○ natural gas</li><li>○ nitrogen</li><li>○ tetraoxide</li><li>○ oxygen</li><li>○ propane</li></ul></li><li>• HYDRAULIC FLUIDS</li><li>• JET FUELS</li><li>• LIQUID OXYGEN</li><li>• OILS</li><li>• OXYGEN</li><li>• PAINTS</li><li>• PETROCHEMICALS</li><li>• PLASTICS</li><li>• PHARMACEUTICALS</li><li>• SOLVENTS:</li></ul>
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<ul style="list-style-type: none"> <li>• FOOD PROCESSING SYSTEMS (approved by F.D.A.)</li> <li>• FREON REFRIGERANTS</li> <li>• GASES: <ul style="list-style-type: none"> <li>○ air</li> <li>○ ammonia</li> <li>○ butane</li> <li>○ chlorine</li> <li>○ hydrogen</li> <li>○ chlorine</li> <li>○ hydrogen</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>○ benzine</li> <li>○ carbon</li> <li>○ tetrachloride</li> <li>○ esters</li> <li>○ ketones</li> <li>○ toluene</li> <li>○ trichloroethylene</li> <li>○ xylene</li> <li>• STEAM</li> <li>• WATER</li> </ul>
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Note: PTFE Tape is not for use on molton alkali, chlorine and fluorine at high temperature and pressure.

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## DIRECTIONS

1. Apply **Black Swan PTFE Tape** to male threads as close as possible to end of threads. Hold end of **Black Swan PTFE Tape** firmly and wind clock wise on standard threads. Stretch tape tightly as you wind.
  2. Continue to wind and stretch tape so the tape seats into threads. Wind once around on joints under 2" and twice around on larger sizes.
  3. Complete winding and overlap starting point about 1". Tear tape by pulling in same direction as you were winding. Smooth torn end by running fingers over it. Make connection in usual manner.
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## BLACK SWAN PTFE TAPES

1. **PTFE TAPE - LOW DENSITY – CHINA** - has a density of .37 g/cm<sup>3</sup>. The standard product used in the plumbing industry.
2. **PTFE TAPE - HIGH DENSITY- CHINA** - has a density of .70 g/cm<sup>3</sup>. A heavy duty industrial tape to be used on the highest quality jobs.
3. **PTFE TAPE - YELLOW GAS LINE** - has a density of 1.2 g/cm<sup>3</sup>. This tape is specifically formulated to be used with gas lines.
4. **PTFE TAPE - PINK - WATER LINE** has a density of .70 g/cm<sup>3</sup>. A heavy-duty industrial tape to be used on the highest quality jobs. This tape is specifically formulated to be used on water lines.
5. **PTFE TAPE - GRAY - STAINLESS STEEL** - has a density of .70 g/cm<sup>3</sup>. A heavy-duty industrial tape to be used on the highest quality jobs. This tape is specifically formulated to be used on stainless steel pipe.
6. **PTFE TAPE - GREEN - OXYGEN LINE** has a density of .70 g/cm<sup>3</sup>. A heavy-duty industrial tape to be used on the highest quality jobs. This tape is specifically formulated to be used on oxygen lines.
7. **PTFE TAPE - LOW DENSITY – MALAYSIA** - has a density of .37 g/cm<sup>3</sup>. The standard

- product used in the plumbing industry.
8. **PTFE TAPE - LOW DENSITY - U.S.A.** - has a density of .37 g/cm<sup>3</sup>. The standard product used in the plumbing industry.

### PTFE TAPE LOW DENSITY - CHINA

<b>PTFE TAPE LOW DENSITY - CHINA</b>			
<b>STOCK NO.</b>	<b>SIZE</b>	<b>UPC NUMBER</b>	<b>CARTON CUBIC FEET</b>
02086*	½" X 40"	0 54647 02086 0	.10
02088	½" X 100"	0 54647 02088 4	.198
02090	½" X 260"	0 54647 02090 7	.198
02090BK	½" X 260"	0 54647 02090 7	.198
02091**	½" X 260"	0 54647 02091 4	.056
02093*	½" X 300"	0 54647 02093 8	.10
02095	½" X 520"	0 54647 02095 2	.198
02095BK	½" X 520"	0 54647 02095 2	.198
02100	½" X 1296"	0 54647 02100 3	.198
02103	¾" X 260"	0 54647 02103 4	.198
02105	¾" X 520"	0 54647 02105 8	.198
02105BK	¾" X 520"	0 54647 02105 8	.198
02108	¾" X 1296"	0 54647 02108 9	.198
02109	1" X 260"	0 54647 02109 6	.198
02110	1" X 520"	0 54647 02110 2	.198
02115	1" X 1296"	0 54647 02115 7	.198
*On Core Packed in a Bag			
**5 Rolls in a Bag			

<b>PTFE TAPE HIGH DENSITY - CHINA</b>			
<b>STOCK NO.</b>	<b>SIZE</b>	<b>UPC NUMBER</b>	<b>CARTON CUBIC FEET</b>
02120	½" X 260"	0 54647 02120 1	.123

02125	½" X 520"	0 54647 02125 6	.123
02130	¾" X 520"	0 54647 02130 0	.123
02135	1" X 520"	0 54647 02135 5	.123

<b>PTFE TAPE YELLOW GAS LINE</b>			
<b>STOCK NO.</b>	<b>SIZE</b>	<b>UPC NUMBER</b>	<b>CARTON CUBIC FEET</b>
02139	½" X 40"	0 054647 02139 3	.056
02140	½" X 260"	0 54647 02140 9	.081
02142	¾" X 520"	0 54647 02142 3	.123

<b>PTFE TAPE PINK - WATER LINE</b>			
<b>STOCK NO.</b>	<b>SIZE</b>	<b>UPC NUMBER</b>	<b>CARTON CUBIC FEET</b>
02145	½" X 260"	0 54647 02145 4	.081
02146	½" X 260"	0 54647 02146 1	.081
02148	¾" X 520"	0 54647 02148 5	.123

<b>PTFE TAPE - GRAY - STAINLESS STEEL</b>			
<b>STOCK NO.</b>	<b>SIZE</b>	<b>UPC NUMBER</b>	<b>CARTON CUBIC FEET</b>
02152	½" X 520"	0 54647 02152 2	.081
02154	¾" X 520"	0 54647 02154 6	.123

<b>PTFE TAPE - GREEN - OXYGEN LINE</b>			
<b>STOCK NO.</b>	<b>SIZE</b>	<b>UPC NUMBER</b>	<b>CARTON CUBIC FEET</b>
02162	½" X 520"	0 54647 02162 1	.081
02164	¾" X 520"	0 54647 02164 5	.123

<b>PTFE TAPE - LOW DENSITY - MALAYSIA</b>			
<b>STOCK NO.</b>	<b>SIZE</b>	<b>UPC NUMBER</b>	<b>CARTON CUBIC FEET</b>
02190	½" X 260 "	0 54647 02190 4	.106
02195	½" X 520"	0 54647 02195 9	.106
02200	½" X 1296 "	0 54647 02200 0	.198
02203	¾" X 260 "	0 54647 02203 1	.198
02205	¾" X 520"	0 54647 02205 5	.198
02210	1" X 520"	0 54647 02210 9	.198

<b>PTFE TAPE - LOW DENSITY - U.S.A.</b>			
<b>STOCK NO.</b>	<b>SIZE</b>	<b>UPC NUMBER</b>	<b>CARTON CUBIC FEET</b>
02220	½" X 260"	0 54647 02220 8	.106
02225	½" X 520"	0 54647 02225 3	.106
02230	¾" X 520"	0 54647 02230 7	.106
02235	1" X 520"	0 54647 02235 2	.106

