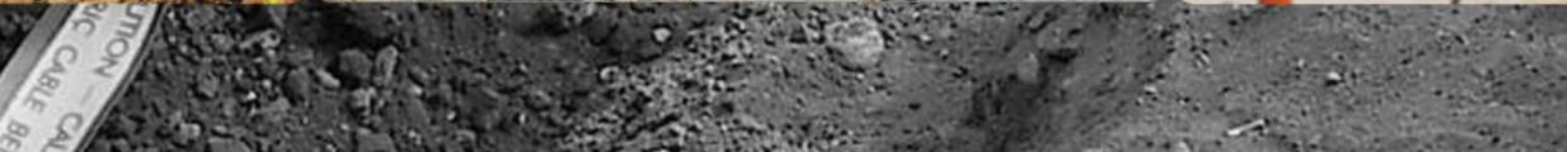


شركة  
المنبع الشامل  
للتجارة



Product Datasheet for  
Warning Tapes

Total Support for  
the Construction Industry...



Global Source supplies a range of Detectable Warning Tapes under its brand-name Global DWT®. Detectable Warning Tapes are a corrosion-resistant, designed for the protection and location of non-metallic or low metal underground cables and pipes. The detectability of this tape gives the operator on the job site a more simplified and practical method of locating buried cables / pipes.



Global DWT® consists of a minimum 4 – 6 Mil (100 - 152 Microns) overall thickness with no less than a 0.00035" (0.35 Mil / 8.89 microns) solid aluminum foil core. Construction is 0.8 Mil clear polypropylene film, reverse print, laminated to aluminum foil, laminated 3.75 Mil clear polyethylene. All detectable marking tapes must be permanently printed. All Global DWT® tape meets or exceeds the industry standards including the American Public Works Association (APWA) color code. Detectable tapes consists of a 9 micron solid foil core coated by a protective jacket which has sufficient strength to prevent separation by hand.

*Applicable for warning tapes manufactured and supplied from april 2018\**



The material and ink colours will not change when exposed to alkalis, acids and other destructive chemicals usually found in the soil – it is chemically inert. It is a permanent ink and cannot be removed by normal handling or upon long term underground burial.

Global DWTs are coded as per the APWA but can be prepared as per the client's / project-owner's choice of colour.

For Further information, please get in touch with your Global Source executive.

We shall be glad to serve you.

Also available with us are Non-detectable warning tapes, Red & White Warning Tapes and so on. Your Global Source Executive shall tell you more.

PRODUCT CODE	DESCRIPTION
GDWTSW15	Detectable Warning Tape 15 x 30500 cms, Sewer Water
GDWTWT15	Detectable Warning Tape 15 x 30500 cms, Water
GDWTTL15	Detectable Warning Tape 15 x 30500 cms, Telecom Lines
GDWTFO15	Detectable Warning Tape 15 x 30500 cms, Fibre Optic
GDWTEL15	Detectable Warning Tape 15 x 30500 cms, Electrical
GDWTLV15	Detectable Warning Tape 15 x 30500 cms, LV Electrical
GDWTMV15	Detectable Warning Tape 15 x 30500 cms, MV Electrical
GDWTHV15	Detectable Warning Tape 15 x 30500 cms, HV Electrical
GDWTIR15	Detectable Warning Tape 15 x 30500 cms, Irrigation
GDWTSR15	Detectable Warning Tape 15 x 30500 cms, Storm Water
GDWTSD15	Detectable Warning Tape 15 x 30500 cms, Storm Drainage
GDWTCW15	Detectable Warning Tape 15 x 30500 cms, Chilled Water
GDWTIW15	Detectable Warning Tape 15 x 30500 cms, Industrial Waste Water
GDWTFW15	Detectable Warning Tape 15 x 30500 cms, Fire Water
GDWTGW15	Detectable Warning Tape 15 x 30500 cms, Grey Water Waste
GDWTGS15	Detectable Warning Tape 15 x 30500 cms, Grey Water Supply
GDWTPW15	Detectable Warning Tape 15 x 30500 cms, Potable Water

*Colors, Sizes, Texts can be made to client requirements subject to MOQ.*

تحذير : يوجد انبوب تغذية مياه مبرده في الاسفل  
CAUTION: CHILLED WATER SUPPLY LINE BELOW



تحذير: خط هاتف في الاسفل  
CAUTION: BURIED FIBRE OPTIC/TELECOM LINE CABLE BELOW



تحذير : يوجد كابل جهد العالي مدفون في الاسفل  
CAUTION : HV CABLE BURIED BELOW



احذر : خط انابيب ري مطمور  
CAUTION: BURIED IRRIGATION LINE BELOW



احذر : خط انابيب تصريف سيول مطمور  
CAUTION: BURIED STORM WATER LINE BELOW



تحذير : يوجد انبوب صرف مياه رمادية في الاسفل (معالجه)  
CAUTION: GREY WATER SUPPLY LINE BELOW



احذر : يوجد كابل كهربائي في الاسفل  
CAUTION: BURIED ELECTRICAL CABLE BELOW



احذر: خط انابيب مياه مطمور  
CAUTION: BURIED WATER LINE BELOW



احذر : خط انابيب صرف صحي مطمور  
CAUTION: BURIED SEWER LINE BELOW



اخذر : خط غاز مطمور  
CAUTION: BURIED GAS LINE BELOW



تحذير : يوجد انبوب مياه اطفاء حريق في الاسفل  
CAUTION: FIRE WATER PIPELINE BELOW

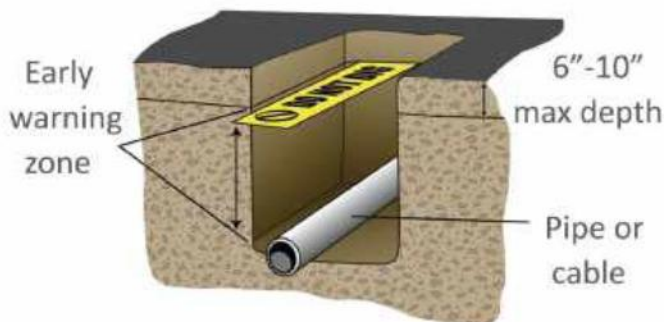


**TECHNICAL DATA**

TEST DATA	METHOD	VALUE
Thickness	ASTMD2103	6.0 Mil
Tensile Strength	ASTMD882	35 lbs./inch (15,000 PSI)
Elongation	ASTMD882-75B	80%
Colors	APWA Coded	See below
Bond Strength	Boiling Water	5 Hours w/o Peel
Message Repeat	Mfg. Specs	Varies as per Client
PPT^ Resistance – MD#	D-2582	8.3Lb
PPT^ Resistance – TD#	D-2582	8.3Lb
Sulfide Stain	D-1712(mod)	Pass (48 hrs.)@
Flexibility	ASTM671-76	Pliable Hand
Printability	ASTMD 2578	45 Dynes
Weight	D-2103	13.2Kg / 100 sq. m.

^ PPT: Puncture Propagation Tear, #MD: Machine Direction, #TD: Transverse Direction, @Result: No Discoloration.

**RECOMMENDED BURIAL DEPTH**



**COLOR CODE (As per APWA)**

<b>BLUE</b>	Water & Associated Lines
<b>GREEN</b>	Sanitary & Associated Sewer Lines
<b>ORANGE</b>	Telecommunications Lines
<b>PURPLE</b>	Reclaimed Water Lines
<b>RED</b>	Electric & Associated Lines
<b>YELLOW</b>	Gas & Associated Lines

**TAPE SPECIFICATIONS**

Tape consists of a minimum 80 Microns (4 Mil) overall thickness. Customised Thickness can be prepared as per Project Requirement. All raw materials are manufactured with no lead (organic) material. Constructed for prolonged use underground. All Global tapes meets or exceeds the industry standards including the American Public Works Association (APWA) color code.



**TAPE TECHNICAL DATA**

TECHNICAL DATA	METHOD	VALUE
Thickness	ASTMD2103	4.0 Mil
Tensile Strength	ASTMD882	2750 PSI
Elongation	ASTMD882-75B	500%
Colors	APWA Coded	See Below
Message Repeat	Mfg. Specs	Varies per Legend
Printability	ASTMD 2578	45 Dynes

**COLOR CODE**

BLUE	Water & Associated Lines
GREEN	Sanitary & Associated Sewer Lines
ORANGE	Telecommunications Lines
PURPLE	Reclaimed Water Lines
RED	Electric & Associated Lines
YELLOW	Gas & Associated Lines



▶ Drill Bits



▶ Adhesive Anchor



▶ Extrusion Welding



▶ PE Coated Manhole Steps



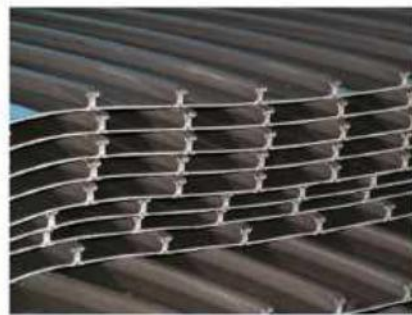
▶ Hot Air Hand Tool



▶ Plastic Welding Rods



▶ Plastic Welding Strips



▶ T-Liner



▶ Liner