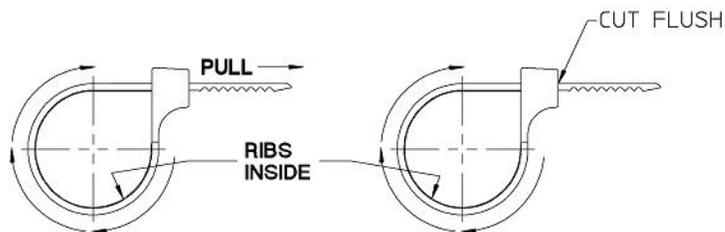
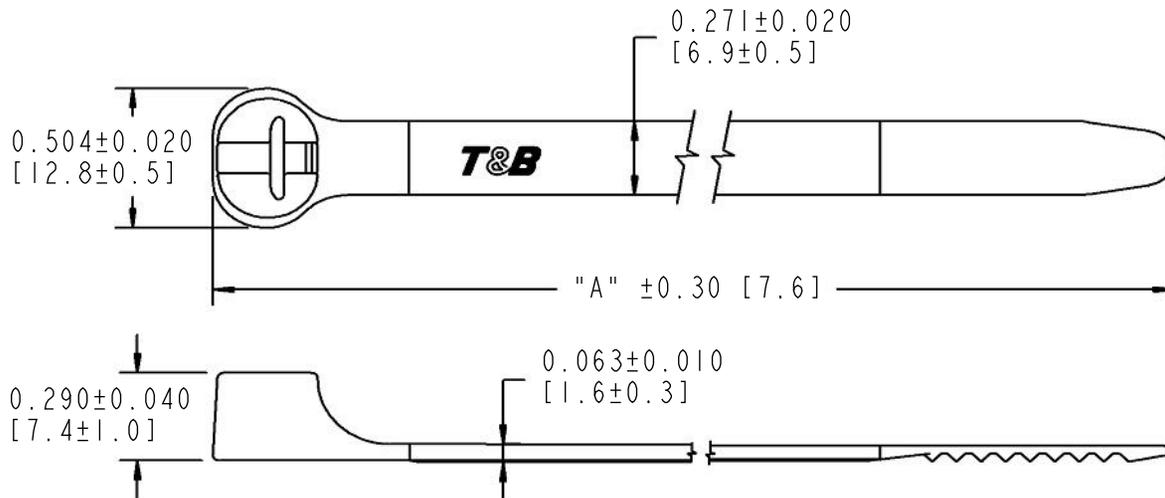




# Ty-Rap®



1. WRAP CABLE TIE AROUND BUNDLE, TEXTURED RIB-SIDE IN.
2. THREAD TAIL OF CABLE TIE THROUGH HEAD UNTIL METAL LOCKING BARB FIRMLY ENGAGES. PULL TAIL THROUGH UNTIL HAND TIGHT.
3. FOR BEST RESULTS, COMPLETE INSTALLATION USING RECOMMENDED INSTALLATION TOOL. RECOMMENDED INSTALLATION TOOL(S): ERG120 / WT-197 (MS90387-2)

REVISIONS	GENERAL NOTES	DESCRIPTION: TY-RAP CABLE TIE SELF-CLINCHING (TY27M AND TY29M SERIES)			
<p>A SEE ECN ( **** ) FOR APPROVAL SIGNATURES &amp; RELEASE DATE. PROJECT NO: ****</p>	<p>1. ALL DIMENSIONS ARE FOR REFERENCE ONLY. 2. DIMENSIONS IN BRACKETS [ ] ARE IN METRIC UNITS.</p>	<p>ORIGINAL PROJECT NO / (ECN NO) 009M001527 / ( 000086131 )</p>	<p>SHEET NO: 1 OF 2</p>	<p>REV. NO: A</p>	

CATALOG NO.	COLOR CODE	MS NUMBERS TYPE I CLASS I
TY27M	NATURAL	
TY27M-1	BROWN	MS3667-3-1
TY27M-2	RED	MS3667-3-2
TY27M-3	ORANGE	MS3667-3-3
TY27M-4	YELLOW	MS3667-3-4
TY27M-5	GREEN	MS3667-3-5
TY27M-6	BLUE	MS3667-3-6
TY27M-7	PURPLE	MS3667-3-7
TY27M-8	GRAY	MS3667-3-8
TY27M-9	MS NATURAL	MS3667-3-9
TY27M-10	WHITE	
TY27MX	UV BLACK	
TY27MX-0	MS BLACK	MS3667-3-0

CATALOG NO.	COLOR CODE	MS NUMBERS TYPE I CLASS I
TY29M	NATURAL	
TY29M-1	BROWN	MS3667-6-1
TY29M-2	RED	MS3667-6-2
TY29M-3	ORANGE	MS3667-6-3
TY29M-4	YELLOW	MS3667-6-4
TY29M-5	GREEN	MS3667-6-5
TY29M-6	BLUE	MS3667-6-6
TY29M-7	PURPLE	MS3667-6-7
TY29M-8	GRAY	MS3667-6-8
TY29M-9	MS NATURAL	MS3667-6-9
TY29M-10	WHITE	
TY29MX	UV BLACK	
TY29MX-0	MS BLACK	MS3667-6-0

LENGTH "A": 30.0 [762]  
 MAXIMUM BUNDLE DIA: 9.0 [229]

CATALOG NO.	COLOR	LENGTH "A" IN / mm	MAX. BUNDLE DIA. IN / mm	UL RECOGNIZED	UL LISTED
TY27M	NATURAL	13.4/340	4/102	YES	YES
TY27MX	BLACK	13.4/340	4/102	YES	YES
TY275M	NATURAL	18/457	5/127	YES	YES
TY275MX	BLACK	18/457	5/127	YES	YES
TY277M	NATURAL	24.3/617	7/177	YES	YES
TY277MX	BLACK	24.3/617	7/177	YES	YES
TY527M	NATURAL	13.4/340	4/102	YES	YES
TY527MX	BLACK	13.4/340	4/102	YES	YES
TY5275M	NATURAL	18/457	5/127	YES	YES
TY5275MX	BLACK	18/457	5/127	YES	YES
TY5277M	NATURAL	24.3/617	7/177	YES	YES
TY5277MX	BLACK	24.3/617	7/177	YES	YES
TY271M	NATURAL	5.9/150	1/25	YES	YES
TY271MX	BLACK	5.9/150	1/25	YES	YES

MATERIAL: NYLON 6/6 - CONFORMS TO ASTM D4066 PA111  
 MAX. CONTINUOUS USE TEMP: NATURAL/COLORS/MX-0:185°F/85°C  
 MX:221°F/105°C

FLAMMABILITY RATING: UL94V-2  
 TENSILE STRENGTH: 120 LBS. [534N]  
 UL LISTED TYPE 2,21S  
 PLENUM RATED AH-2 (EXCEPT WEATHER RESISTANT NYLON)  
 WEATHER RESISTANT NYLON: CONFORMS TO ASTM D4066 PA181

DESCRIPTION:

**TY-RAP CABLE TIE  
 SELF-CLINCHING**



ORIGINAL PROJECT NO / ECN NO

009M001527 / ( 000086131 )

SHEET NO:

2 OF 2

REV. NO:

A

DRAWING NO:

WSD-003270