

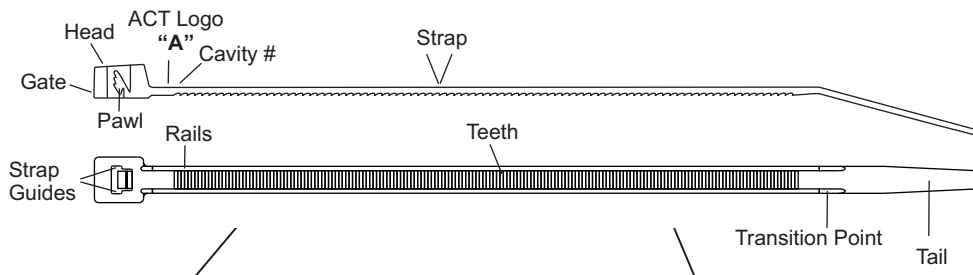
ABOUT CABLE TIES



ADVANCED CABLE TIES, INC.

What is a cable tie?

A cable tie is a band or length of strap, manufactured from a class of polymeric materials known as polyamides (Nylon 6/6). The width, length and head area employ ratcheting mechanisms, which allow for locking as necessary for bundling items together.



Materials: Polyamide Nylon 6/6 Family

Natural
Heat Stabilized
UV Resistant
High Impact
Metal Detectable
Air Handling
Cold Weather
Colors (17)

ACT Cable Tie Certifications:

ISO 9001:2015 Registered

UL Listed ANSI/UL62275 Cable Ties & Fixing Devices

Mil Spec Certified AS23190; QPL Qualified (3 yr cycle);
Meet requirements of SAE-AS3367-1 Specifications

Reach – SVHC Declaration – European Chemical Agency

RoHS – European Union's Restriction of Use of
Hazardous Substance in Electrical and Electronic Equipment

Conflict Mineral Statement

Food Contact Application Natural (-9)

CA. Prop 65 (California Proposition 65)

CSA Standard (Canadian Standards Association) :
C22.2 No 0
C22.2 No. 18.5/UL1565

Material Certification:

Polyamide: Nylon 6/6
Flammability Rating – 94V2
Relative Viscosity (RV) (45-51)
Tensile Strength – 78 min (MPa)
Moisture – (.08-.20)
Meets ASTM D4066 PAOIII and
FMVSS 302 requirements

Nominal Strain @ break;
(elongation) – 17.5 (min) (%)

Strengths & Sizes (Series):

Mounting Hole

5"-30lb-f, 7"-50lb-f, 11"-50lb-f, 14"-50lb-f, 14"-120lb-f

50 lb-f Series - Standard

7", 11", 14", 17", & 21"

18 lb-f Series – Miniature

4", 6", & 8"

120 lb-f Series – Light Heavy Duty

8", 14", 18", 24", 30" & 36"

40 lb-f Series – Intermediate

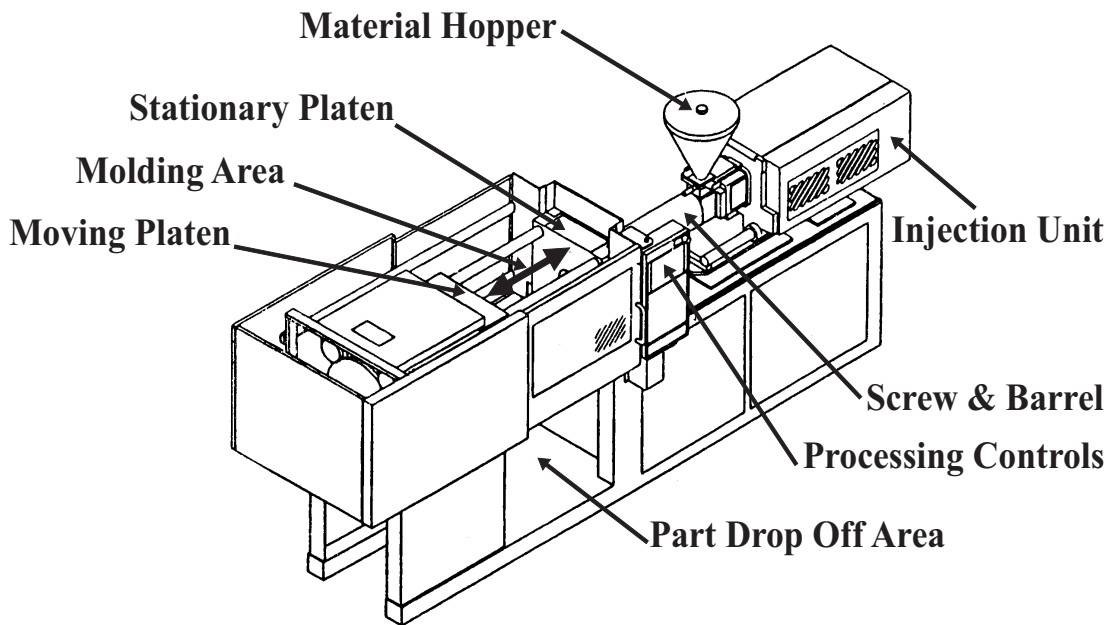
5", 8", 11", 14" & 6"PMW

175 lb-f Series – Extra Heavy Duty

24", 36", & 48"

ABOUT CABLE TIES

“Molding Machine Components”



Nylon Drying Specification:

Nylon – Hygroscopic
Moisture Level - .08 – 2.0%
Dry Material – Critical
Control Moisture to - .001%
Residence Drying Time
@ 165°F for 4 hrs

Machine Processing:

Molding Machines are built to ACT specs which include:
Material residence time
Heat profile (barrel)
Injection speeds
Recovery speeds

Packaging Specification:

Compliant to UL and Mil Spec standards to the smallest unit pack size.

*Shelf life is determined by the nature of the warehouse:
Controlled warehouse (+ or - 5°F)
= 6 mos. – 1 yr.

Uncontrolled = 3-4 mos.

*Product remains in sealed bags. Ideal storage in original sealed package, in 50% RH, at 70°F/21°C, out of direct sunlight, until installation.

ACT Advantages:

- Made in USA
- State of the Art Facility and Equipment
- UL, UR, CSA, Mil-Spec, and RoHS Compliant Products
- Ergonomic Design
- Highest Tensile Strength in the Industry
- Lowest Insertion Force
- Optimum Flexibility
- Single Method of Failure
- Consistent Vibrant Colors
- Custom Labeling



ACT[®]

ADVANCED CABLE TIES, INC.

245 Suffolk Lane, Gardner, MA 01440
Phone: 800.861.7228 - Fax: 978.630.3999
sales@actfs.com