



## NYLON CABLE TIES - STRAPS

### Technical Data

#### Description

Nylon cable ties are provided as straps for MS-970 Coiled Plastic Pipe Markers for Style F and G, and H.



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. Nylon possesses an outstanding balance of properties, combined strength, moderate stiffness, high service temperature and a high level of toughness. Particularly resistant to repeated impact, nylon has a low coefficient of friction and excellent abrasion resistance. Nylon has resistance to fuels, lubricants, fungus, and most chemicals, but is attacked by phenols, strong acids, and oxidizing agents. Nylon is inherently susceptible to environmental conditions, especially humidity.

General-purpose white nylon is suitable for use in most practical indoor applications at continuous temperatures up to 160°F (71°C). Nylon 6/6, the grade most often used for cable tie production, meets UL 94V-2 flammability ratings. Its working temperature range is from 40°F (4°C) to 185°F (85°C). Tensile strength is 175 lbs.

UV resistant Nylon 6/6 cable ties are also available. They also meet UL 94V-2 ratings, along with UV resistance. The service temperature range is from -40°F (-40°C) to 185°F (85°C). They are black in color and are usually used in outdoor applications. Tensile strength is 175lbs.

#### Attaching Nylon Straps

Two nylon straps are provided with MS-970 Style F and G, and three for H Markers. The straps are provided in a 36" length for Style F and G and a 48" length for the Style H markers. For large pipe diameters, simply connect 2 or more straps together to form a permanent attachment.



#### General Purpose White Nylon Strap Part Numbers

8" (20 cm) (0.140" wide) Nylon Straps #15785 – 40 lb.

36" (91 cm) (0.340" wide) Nylon Straps #15786 – 175 lb.

48" (122 cm) (0.340" wide) Nylon Straps #15787 – 175 lb.

available upon request

\*Additional size & strength options

#### UV Resistant Black Nylon Strap Part Numbers

8" (20 cm) (0.140" wide) Nylon Straps #15784 – 40 lb.

36" (91 cm) (0.350" wide) Nylon Straps #15789 – 175 lb.

48" (122 cm) (0.350" wide) Nylon Straps #15788 – 175 lb.

\*Additional size & strength options

*Information on physical and chemical characteristics is based on tests we believe to be reliable. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material for their specific application.*

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8265 N. Faulkner Road, Milwaukee, WI 53224

Ph: 800.234.0135 | Email: sales@markserv.com | Website: www.markserv.com