

Dynaflex™ Hot Melt Hose

The Dynaflex™ Hot Melt Hose from ITW Dynatec is engineered to be long-lasting, durable, and maximize the performance of your hot melt systems. Platinum resistance temperature detector (RTD) sensors improve adhesive flow and make the Dynaflex™ last longer than other hoses.

Dynaflex™ Hot Melt Hose:

- Platinum RTD sensor technology assures accurate temperature control
- Competitive hose configurations options
- Customizable options including fittings and clamps

Durability

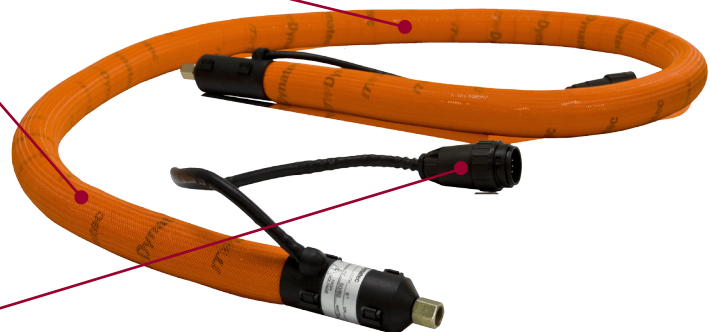
Teflon® lined stainless steel braided hose core.

Reliability

Superior thermal efficiency maximizes hose life.

Versatility

Competitive hose configurations available as well as other customizable options.



Dynaflex™ Hot Melt Hose

The Dynatec *Difference*

Reliability

Never before has a hot melt hose been as reliable as the Dynaflex™ from ITW Dynatec. Platinum RTD sensor technology, controls adhesive temperature throughout the length of the hose to ensure adhesive flow rates remain consistent, resulting in uniform patterns. The Dynaflex™

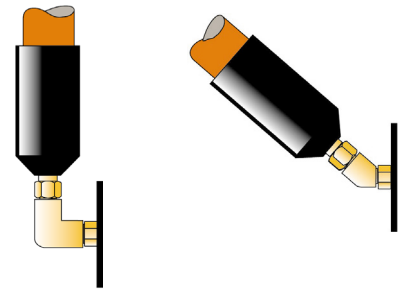
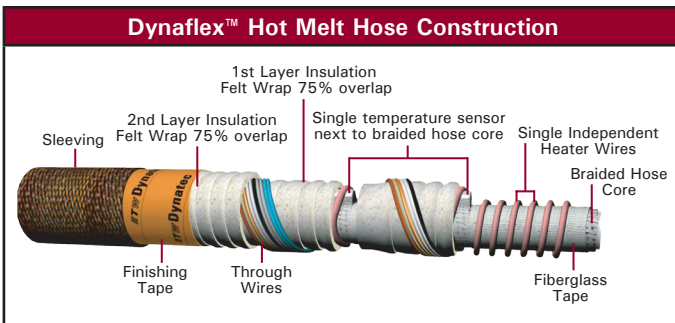
also features a Teflon® lined stainless steel braided core for ultimate durability and longevity. Available 45° and 90° fitting configurations accommodate an array of installation requirements and assure maximum hose life.

System*	Dynaflex Hot Melt Hoses
Sensor (DynaControl™)	100 Ohm Platinum RTD (coefficient = 0.00385 Ohm/Ohm/°C)
Wiring	1000 VAC 260°C (500°F) nickel plated copper multi-strand, TFE insulated
Flex Hose	extruded TFE (innercore) / type 304 stainless steel wire braid (outercore)
Maximum Operating Temperature	218°C (425°F) continuous
Maximum Operating Pressure*	86 bar (1250 Psi) at 218°C (425°F)
Minimum Burst Pressure*	344 bar (5000 Psi) at 218°C (425°F)
Dimensions	
Inner Diameter	0.8 cm (#6), 1 cm (#8), 1.6 cm (#12), 2.2 cm (#16), 3.5 cm (#24)
Length	61 cm (24 in) - 1828.8 cm (720 in)

*These specifications apply to a #6 (5/16 in.) hose only.

Installation Guidelines

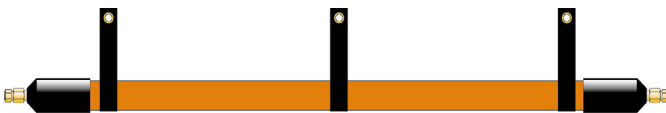
- Selecting the correct fitting is crucial to extended hose life. Improper attachment can cause bending or kinking at the cuff end, where most failures occur.
- Fittings are available in 45° and 90° configurations to accommodate different installation requirements and assure maximum hose life.
- Excessive bending of the hose will damage the core and lead to malfunction.



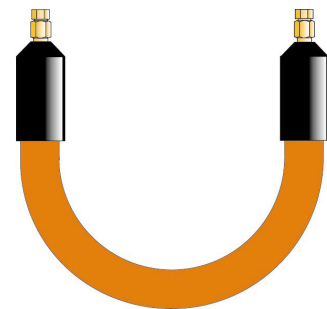
Fittings are available in 45° and 90° configurations to accommodate a full range of installation requirements.

Customizable Options

- Optional nylon strap
- 45 degree and 90 degree fitting configurations
- Abrasion resistant and washdown resistant options
- Hose Hanger, Ridged



Optional nylon strap configuration for 8 ft hose installation.



The Dynaflex Hose can accommodate a bend radius as small as 8 inches.

CHINA

ITW Dynatec Suzhou
Unit2, B1 Building
No.9 Weixin Road
SIP, Suzhou, China 215122
Telephone +86.512.6289.0620
Fax +86.512.6289.0621
dynatecsuzhou@itwdynatec.cn

AMERICAS

ITW Dynatec
31 Volunteer Drive
Hendersonville, TN 37075
Telephone 615•824•3634
+1.800.860.6150
Fax +1.615.264.5248
dynatec@itwdynatec.com

JAPAN

ITW Dynatec K.K.
Tsukimura Building 5th Floor
26-11, Nishikamata 7-chome
Ota-ku, Tokyo 144-0051, Japan
Telephone +81.3.5703.5501
Fax +81.3.5703.5505
info@itwdynatec.co.jp

EUROPE, AFRICA & MIDDLE EAST

ITW Dynatec GmbH
Industriestrasse 28
D-40822 Mettmann, Germany
Telephone +49.210.4915.0
Fax +49.210.491.5111
e.mail@itwdynatec.de

ITW Dynatec TenPlus
ZI Croix de Raville
28500 Cherisy, France
Telephone +33(0)2.37.62.56.47
Fax +33(0)2.37.62.56.40
info@itwdynatec.fr