

Novaflex®

Pump-Flex™

Pump-Flex™ Composite Hose

Pump-Flex™ Composite Hose replaces the heavy rubber suction and discharge hoses, commonly used in the pump rental market, that are extremely heavy and hard to maneuver and due to the small bend radius of the rubber hose, can also kink prematurely. Pump-Flex™ suction and discharge hose provides extreme flexibility, light-weight handling and excellent service life. Excellent for the transfer of petroleum, water, dirty oily water and light chemicals.

Advantages

- Crimped couplings
- Absorbs pump pulsations
- Less manpower to install than rubber hose
- Easy to package for shipping and storage
- Standard lengths 10 ft & 20 ft. with CS 150lb fixed x floating flanges.
- Flanges crimped each end.
- Other fitting combinations available.
- Maximum length 100 ft (10" = 80 ft)
- Operating Temperature -40°F to 212°F (-40°C to +100°C)
- Rated for full vacuum

(Not for use in marine dock, crude oil, bunker oil, or heavy viscous product applications. For these applications before use, consult Novaflex® Chemical Resistance Chart for chemical compatibility.)



6" x 10 ft length, background
6" x 20 ft, coiled

6" x 10 ft length

ID	4	6	8	10	12
ID	4.4	6.75	9	11.5	13.5
Max WP PSI	200	200	200	200	150
Burst Pres PSI	800	800	800	600	450
Bend Rad. Inches	14.2	22.0	30.0	40.0	47.0
Weight LB/FT	2.7	7.0	10.0	13.0	15.50

Attention: **Never use any NovaFlex® hose outside the hose temperature limits marked on the hose. It should be noted, that even within these indicated hose temperature limits other factors such as (but not limited to); attached end fittings, different hose installations can place additional stress on couplings (i.e. vertically hung) and hose diameters can impact performance under elevated temperatures. For safety reasons NovaFlex® recommends that the hose working pressure should be derated by the following temperatures ranges: -40°F to +212°F (-40°C to +100°C); reduce working pressure by 15%. +178°F to +110°F (+81°C to +110°C); reduce working pressure by 30%. Over +230°F (+110°C); reduce working pressure by 50%.

It is impossible to test Uni-CHEM® hose under all conditions to which it might be subjected in the field. It is therefore the buyer and/or end user's responsibility to test all Uni-CHEM® hose under conditions that duplicate the service condition prior to installation. Never use NovaFlex Composite Hose above the ratings listed by NovaFlex. Please Note: It is important to advise NovaFlex of the product being conveyed when ordering composite hoses. All hoses supplied have electrical continuity and are tested and certified accordingly. ***WARNING!** Elevated temperatures can change the chemical resistance rating of hose. Check the chemical resistance charts published by NovaFlex® to verify that the chemical to be transferred is rated for use with the polypropylene tube at the temperature & concentrations listed.

Most chemicals become more aggressive the higher the temperature, reducing the ability of the tube material to withstand them. Compatibility information is available from NovaFlex. If no data exists, it is the users responsibility to determine if the hose is compatible with the chemical to be transferred. The information provided within is for informational purposes only. We have made every effort to ensure the accuracy of the provided information and assume no responsibility for any loss or damage due to errors or omissions or to the use or misuse of any information supplied. It is impossible to test all products under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all products under the conditions that duplicate the service conditions prior to installation. All improvements, all specifications are subject to change without prior notice. It is the buyer and/or end users' responsibility to review our complete Terms and Conditions of Sale located on our web sites at: www.novaflex.com | www.z-flex.com | www.flexmaster.com

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