

CONQUEST – Type FC

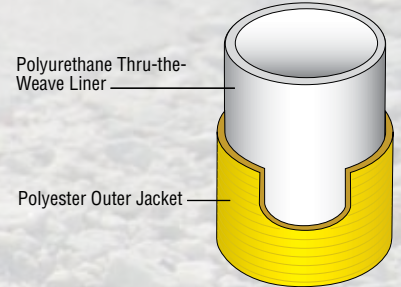


Polyester Double Jacket Attack/Supply Hose

Looking for a hose to flow a tremendous amount of water? You've found it with CONQUEST! Today's fires are hotter and more water is needed at the nozzle to knock them down fast. Conquest meets that challenge every day. Our patented thru-the-weave extruded polyurethane liner has an incredibly smooth surface that enhances water flow. Typical friction loss reductions of over 50% compared to other hose designs deliver more water at standard operating pressure.

Properties and Construction

- Unique, high quality, double jacket municipal fire hose made from 100% high tenacity ring spun polyester outer jacket covering an extruded-thru-the-weave polyurethane inner hose. NO ADHESIVE IS USED and the lining will never delaminate – 100% Guaranteed for the life of the hose.
- Lowest Friction Loss in the industry provides the highest flow available (see chart on page M-25) – up to 50% less than traditional hose.
- Exclusive Dura-Cote™ treatment increases abrasion resistance to well over 10 times that of uncoated hose on an abrasion tester, increases burn resistance by 500%, virtually eliminates water pick-up, and provides resistance to many petrochemicals.
- Hose remains flexible to temperatures as low as -40°F (-40°C) and meets all NFPA requirements for ozone resistance.
- Passes 34" doorway kink test at 50 psi (345 kPa) nozzle pressure.
- Optional color-coded stripe of one contrasting color can be woven into the outer jacket running the full length of the hose for identification purposes. See color chips for hose and stripe options.
- Suitable for C.A.F.S. and foam concentrates.
- When needed for potable water, the polyurethane lining material meets National Sanitation Foundation (NSF) Standard 61 for drinking water.
- Ponn Conquest is manufactured in accordance with NFPA (National Fire Protection Association) 1961 standard, latest edition within our ISO-9001:2000 certified quality assurance system.



Construction:

Polyester Double Jacket
Extruded Polyurethane
Inner Liner (Thru-the-Weave)

Temperature Range:

-40° to 150°F (-40° to 65°C)

Couplings Available:

Aluminum NH/NST or IPT
Threaded & Aluminum
Storz options

Hose Colors:



Stripe Colors:



SIZE	SERVICE TEST	PROOF TEST	BURST	WEIGHT (For 50' Coupled)	FLAT WIDTH	HOSE BED Volume (100')	BOWL SIZE
	PSI (kPa)	PSI (kPa)	PSI (kPa)	LBS (KG)	IN	FT ³	IN
1-3/4"	400 (2760)	800 (5515)	1200 (8275)	20 (9.1)	3.20	1.5	2-3/16
2"	400 (2760)	800 (5515)	1200 (8275)	22 (10)	3.40	1.5	2-5/16
2-1/2"	400 (2760)	800 (5515)	1200 (8275)	31 (14)	4.30	2.0	2-7/8
3"	300 (2070)	600 (4140)	900 (6200)	38 (17.2)	5.40	2.5	3-9/16
4"	300 (2070)	600 (4140)	900 (6200)	60 (27.2)	6.90	3.5	4-17/32
5"	300 (2070)	600 (4140)	900 (6200)	70 (31.8)	8.10	4.0	5-5/16

How to Order

TYPE	HOSE I.D.	HOSE LENGTH	COLOR	STRIPE** COLOR	COUPLING SIZE	THREAD TYPE	COUPLING MATERIAL
FC	17X50	Y	R	15	N		
FC	17 = 1-3/4" 20 = 2" 25 = 2-1/2" 30 = 3" 40 = 4" 50 = 5"	50 = 50' 100 = 100'	Y = Yellow R = Red B = Blue O = Orange G = Green T = Tan C = White (Coated)	Y = Yellow R = Red B = Blue K = Black G = Green Blank = (No Stripe)	15 = 1-1/2" 20 = 2" 25 = 2-1/2" 30 = 3" 40 = 4" 50 = 5"	N = NH I = IPT S = Storz	Blank = Aluminum

Part Number Example: **FC17X50YR15N** = FC Conquest Hose, 1-3/4" ID by 50' Length, Yellow with Red Stripe, 1-1/2" Aluminum NH/NST Coupling



ATTACK



C.A.F.S.



HI-RISE



POTABLE