



AEROQUIP INNOVATIONS

MatchMate ICE[®] HYDRAULIC HOSE NOW MORE ABRASION RESISTANT

Up until now, hose that performed well in low temperatures generally didn't offer much in terms of abrasion resistance.

Most hose manufacturers will tell you that it's almost impossible (or extremely difficult) to build both characteristics into one hose, since compounds that make a hose resistant to low temperatures are the same compounds that don't make a hose resistant to abrasion.

Up until now, that is.

Eaton has successfully integrated both characteristics into its newly redesigned Aeroquip MatchMate ICE hose that performs well in subzero environments and in abrasive applications.

A proprietary tube and cover compound make redesigned Aeroquip MatchMate ICE GH120 hose 400% more abrasion resistant than its predecessor—yet flexible in extreme weather conditions from -70°F to +212°F.

Its improved abrasion resistance and wide temperature range make MatchMate ICE hose the ideal hose on the market for equipment that is used in both freezing and sizzling climates. The result is more efficient equipment operation, less downtime, and reduced cleanup for lower total costs.

Applications

- Low-temperature flexing and hydraulic system service with petroleum and water-based fluids and general service

Features

- -70°F to +212°F continuous operating temperature range
- Improved abrasion resistance
- ½ SAE bend radius
- SAE 100R16 performance
- Flexible tube and cover materials that perform even in low operating temperatures
- MSHA-approved cover material

Now
400% More
Abrasion
Resistant!

Benefits

- Superior flexibility to -70°F
- 400% more abrasion resistant than its predecessor
- Longer service life in severe environments
- Five-year warranty coverage—the longest offered by Eaton



 Aeroquip[®]

GH120 MATCHMATE ICE® HYDRAULIC HOSE



Part Number	Hose I.D.	Hose O.D.	Maximum Operating Pressure	Minimum Burst Pressure	Minimum Bend Radius
	INCHES	INCHES	PSI	PSI	INCHES
#	○	○	○	○	○
GH120 -04	0.250	0.555	5,000	20,000	2.00
GH120 -06	0.380	0.680	4,000	16,000	2.50
GH120 -08	0.500	0.818	3,500	14,000	3.50
GH120 -10	0.620	0.982	2,750	11,000	4.00
GH120 -12	0.750	1.120	2,250	9,000	4.75
GH120 -16	1.000	1.406	2,000	8,000	6.00
GH120 -20	1.250	1.705	1,625	6,500	8.25
GH120 -24	1.500	2.027	1,250	5,000	10.00
GH120 -32	2.000	2.514	1,125	4,500	12.50

Hose	Construction Materials	Reinforcement	Fittings
GH120	Tube: ICE Compound* Cover: ICE Compound*	Two layers of wire reinforcement	Sizes: -4 to -20 Through-The-Cover -4 to -20 Global Skive Crimp -24 and -32 Through-The-Cover

*New Aeroquip Exclusive Low-Temperature Compound

WARNING: It is important to use the correct fitting with any hose product to ensure a proper connection. Use only the fittings suggested by Eaton for this hose product. Mixing fittings and hose made by different manufacturers can lead to an unstable connection, due to differences in manufacturing techniques and tolerances. Such connections can fail and have the potential to spray and cause personal injury and property damage.



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Specifications subject to change without notice