

Eaton EC525 AQP™ PLUS Hi-Temp 4-Spiral Hose



EC525 AQP PLUS high temperature 4-spiral hose available with Eaton non-skive hose fittings



Eaton's new AQP PLUS elastomer is the compound used in the new EC525 high performance 4-spiral hose. Over the years, Eaton's AQP hose has provided the best solutions for hydraulic hose applications where fluid compatibility and high temperature are problematic. The new and improved AQP PLUS compound provides longer hose life with a broader range of hydraulic fluids versus standard rubber compounds.

To simplify the assembly of the hose and hose fitting, EC525 hose is available with the existing Eaton non-skive one-piece "TTC12" series hose fitting.

Features

- 4-spiral wire construction available in the following sizes: -12, -16, -20, -24, -32
- AQP compound used in the hose inner tube and cover
- Approved at high operating temperatures: -40°C to +150°C (-40°F to +302°F)
- Compatible with a wide range of petroleum based hydraulic fluids
- Approved with Eaton non-skive TTC12 series fittings

Benefits

- EC525 offers spiral hose pressures for high temperature applications
- Unique AQP tube and cover compound provides a wide range of fluid compatibility, leading to longer hose life and lower maintenance costs
- EC525 uses standard Eaton TTC12 fittings, eliminating the need to skive the hose

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EC525 AQP™ PLUS

Hi-Temp 4-Spiral



# Part No.	DN	Hose I.D.		Hose O.D.		Max. Operating Pressure		Burst Pressure		Min. Bend Radius		Weight	
		mm	in	mm	in	bar	psi	bar	psi	mm	in	kg/m	lbs/ft
EC525-12	19	19,1	0.75	31,5	1.24	345	5000	1380	20000	241,3	9.50	1,28	0.86
EC525-16	25	25,4	1.00	38,5	1.52	345	5000	1380	20000	304,8	12.00	1,73	1.16
EC525-20	31	31,8	1.25	47,5	1.87	240	3500	960	14000	419,1	16.50	2,30	1.55
EC525-24	38	38,1	1.50	54,9	2.16	240	3500	960	14000	508,0	20.00	2,95	1.99
EC525-32	51	50,8	2.00	68,5	2.70	225	3250	900	13000	635,0	25.00	4,40	2.97

Construction:

- AQP elastomer tube and cover
- 4-spiral wire hose construction

Operating Temperature:

-40°C to +150°C
(-40°F to +302°F)

Application:

- Hydraulic system service with petroleum, fire-resistant and water based fluids
- Fuel and lubricating systems
- For additional approved hydraulics fluids reference the fluid compatibility charts shown in Eaton catalogs

Qualified Fittings:

- Eaton TTC12 series (non-skive)

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