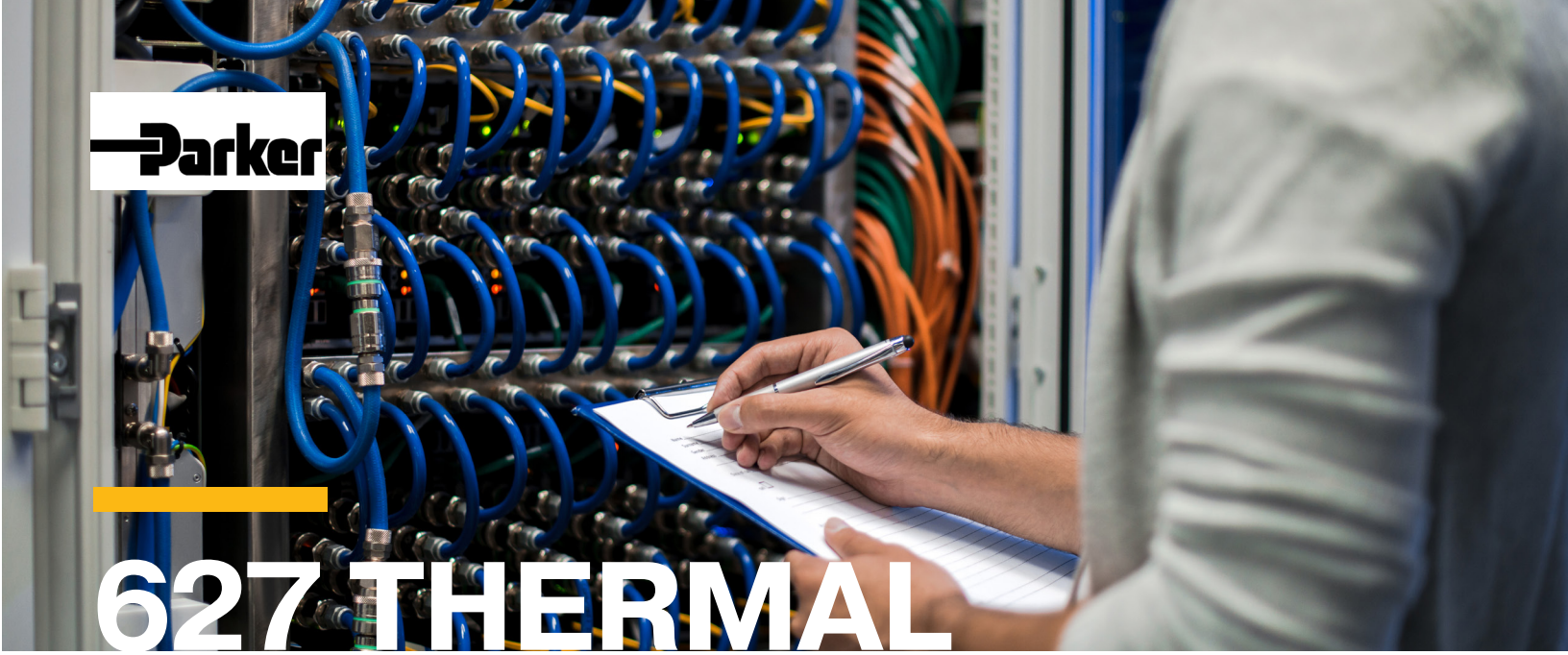


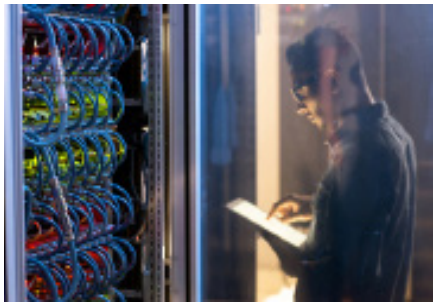
627 THERMAL COOLING HOSE

Thermal cooling hose designed for the transfer of coolant.

Customer Value Proposition

The 627 thermal cooling hose from the Hose Products Division of Parker Hannifin is designed or transferring coolant in high performance computers and data farms. The tube is a proprietary compounded EPDM, which is peroxide cured to enhance the chemcial and temperature resistance, while increasing the sealing capabilities of the hose for the computer and electronics industry.

The EPDM cover is compounded for added features such as ozone and abrasion resistance. The engineered synthetic fiber reinforcement easily withstands the pressures created in the fluid loop. The combination of these hose features added with the UL Flame resistance makes the 627 hose very effective in helping control the temperatures of the operating systems.



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PRODUCT FEATURES

- Peroxide cured EPDM tube
- -40°F to +212°F (-40°C to +100°C) temperature rating
- 150 psi maximum working pressure rating
- 4:1 Safety Factor
- UL94 HB flame resistance rating

Parker's 627 is designed to be utilized for the transfer of coolants in high performance computers and data farms. The tube is specially formulated and compounded peroxide cured EPDM for compatibility with industrial coolants.

# Part Number	ID (in)	ID (mm)	Reinforcement Layers	OD (in)	OD (mm)	B.R. (in)	B.R. (mm)	WP (psi)	WP (Bar)	Wt in lbs/ft	Wt in kg/m	Perm Cplg Rec	Nom Std Pack Qty (ft)
627-6-RL	3/8	9.5	2	0.7	16.7	1.3	33	150	10,3	0.13	0.19	HY	Reel
627-8-RL	1/2	12.7	4	0.9	22.7	2.0	51	150	10,3	0.24	0.36	HY	Reel
627-12-RL	3/4	19.1	4	1.2	29.4	3.0	76	150	10,3	0.34	0.51	HY	Reel
627-16-RL	1	25.4	4	1.4	36.3	4.5	114	150	10,3	0.46	0.68	HY	Reel
627-20-RL	1 1/4	31.8	4	1.8	45.7	6.5	165	150	10,3	0.67	1.01	HY	Reel
627-24-RL	1 1/2	38.1	4	2	50	9	228	150	10,3	0.84	1.24	43	Reel

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the state of California to cause cancer. For more information go to p65.warnings.ca.gov

COMPLEMENTING PRODUCTS

E-Z FORM™ GS General Service Hose Series 7395

Series 7395 features a tube that is resistant to coolant mixtures, the helical wires provides full suction/vacuum capability and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals, heat, and ozone. The Greek corrugated cover provides minimal force-to-bend, kink resistance, and extreme flexibility to allow routing in confined spaces where formed hose is normally required.

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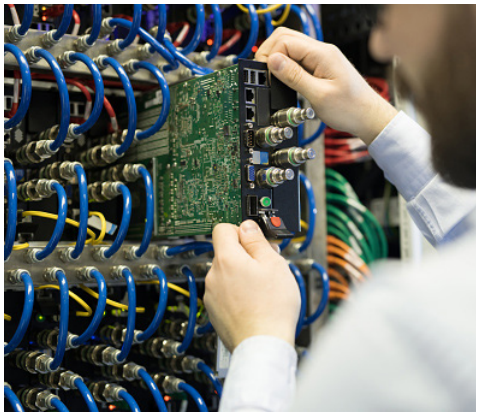
801 Push-Lok Plus

Parker's Push-Lok Plus multipurpose hose line features the widest fluid compatibility, application and size range in the industry. It also incorporates the highest working pressure in all sizes, making it the most widely used general-purpose hose available. The Push-Lok system requires no clamps or tools during installation and our exclusive color-coded system aides in maintaining and identifying your inventory needs easily and efficiently.



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