

IMPORTANT FACTS

TO PURCHASERS OF FIRE HOSE

The Best Always the Cheapest: Important Statistics

Eureka Cotton Fire Hose vs. Rubber Hose

RECORDS OF ITS DURABILITY IN THE NEW YORK FIRE DEPARTMENT COMPARED.

FACTS FOR THE FIREMEN OF THE COUNTRY AND OTHERS TO PONDER OVER.

We desire to submit the following Statistics to the purchasers of Fire Hose to sustain our assertions by figures and facts, as to the great durability of our "EUREKA" Cotton Fire Hose over Rubber; and have selected the following from the records of the New York Fire Department:—

Quantity of Hose Purchased by the Department Since April, 1868.

"MALTESE CROSS" RUBBER HOSE.....	20,295 feet, or 7,403 lengths of 50 feet each	400	50	"
"TEST HOSE".....	30,000 "	350	50	"
"RUBBER HOSE" (No special brand).....	17,500 "	350	50	"
"EUREKA" COTTON HOSE.....	45,000 "	900	50	"
"RIVETED".....	22,000 "	440	50	"
Total.....	171,750 "	3,490	50	"

Quantity of Hose in Service in the Department April 1st, 1870.

"MALTESE CROSS" RUBBER HOSE.....	16,900 feet, or 338 lengths of 50 feet each	65	50	"
"TEST HOSE".....	3,250 "	65	50	"
"RUBBER HOSE" (No special brand).....	2,500 "	50	50	"
"EUREKA" COTTON HOSE.....	44,400 "	888	50	"
"RIVETED".....	17,700 "	354	50	"
Total.....	84,350 "	1,695	50	"

Quantity of Hose Worn Out.

"MALTESE CROSS" RUBBER HOSE.....	53,350 feet, or 1,067 lengths of 50 feet each	335	50	"
"TEST HOSE".....	16,750 "	335	50	"
"RUBBER HOSE" (No special brand).....	15,000 "	300	50	"
"EUREKA" COTTON HOSE.....	600 "	12	50	"
"RIVETED".....	4,300 "	86	50	"

The entire quantity of Rubber Hose in service was purchased prior to 1864; all being intermediate lots purchased within a space of eight years, in total amount 101,750 feet, the balance (8,000 feet), being the "Maltese Cross," the last purchase of it being made about October, 1877. Since then no Rubber Hose of any kind has been purchased.

Therefore, taking the entire quantity of hose purchased by the Department and deducting the quantity of the respective brands remaining in service April 1st, 1870, the following table will show the percentage of loss from the quantity delivered.

TABLE SHOWING THE PERCENTAGE OF LOSS IN THE NEW YORK FIRE DEPARTMENT.

Maltese Cross Rubber Hose,	76 $\frac{1}{100}$	per cent. in about 9 Years Average Service.
Test Hose,	83 $\frac{1}{100}$	" " " "
Rubber Hose, No special brand	85 $\frac{1}{100}$	" " " "
Riveted Cotton Hose	19 $\frac{1}{100}$	" " " "
EUREKA COTTON HOSE	1 $\frac{1}{100}$	" " " "

A RECORD FOR EUREKA COTTON HOSE UNPARALLELED.

REASONS WHY EUREKA FIRE HOSE COMPANY'S COTTON FIRE HOSE IS MORE DURABLE.

Rubber Hose, from the moment it is made or vulcanized, has in itself its element of its own destruction, which is moisture. It is vulcanized in live steam; at a heat, say, of 250 degrees, the steam must penetrate the mass to complete its work; the result of which is, that the cotton dock is full of moisture the instant it is made, and whether in service or not, "dry rot" soon attacks the cotton dock, because the air cannot reach it to dry, being prevented by the inside and outside rubber coating. It is a well established fact that rubber hose, after being a short time in service, the dock becomes damp, and on the reels the constant heating and sweating soon destroys its strength. The reason is, it is impossible for the air to reach the dock through the rubber coating, thereby enabling the dock to dry.

Our Seamless Cotton Hose is so constructed that all these difficulties are avoided. It can be readily and rapidly dried; and when dry, and on the reel, can remain for years without any injurious effects to the fabric, as it is constantly exposed to the air to dry. To further add to its durability, the fabric is prepared mildew and water proof.

The reputation made by this Company with its celebrated brands of Cotton Steam Fire Engine Hose for Fire Department use has placed us at the head of all other makers of Fire Hose; we are, as heretofore, supplying the great bulk of all Fire Hose purchased by the cities, towns and villages throughout the United States and Canada, for the perfect equipment of their Fire Departments.

Estimates, Samples, etc., for "Eureka," "Paragon" and "Red Cross" Hose furnished on application.

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