

range of Hose Pipes

RRL

MMD and TAC approved

IS : 636



TYPE A

REINFORCED RUBBER LINED FIRE HOSE



Fire fighting has unique tactical and equipment requirements, leaving no scope for failures, like a burst hose pipe.

Chhatariya Rubber and Chemical Industries, manufacturing and exporting fire hoses for over two decades, offers you

CRC-RRL FIRE HOSE.

This Reinforced Rubber Lined (RRL) Hose is an ISI marked product confirming to the requirements of IS:636/1988 Type A.

CRC-RRL HOSES are the most popular, used by highly experienced fire fighters for decades due to the superb advantages. These types of Hoses offer RRL Technology and ensures that the Hoses are fabric reinforced rubber lined (RRL Technology) which gives an additional textile reinforcement in the Hoses which is very similar to a double jacketed hose, that is, 'a hose within a hose.' RRL Hose have a distinct lap joint which is easily identifiable to the user. The jacket and the reinforcement of the Hose which is predominantly cotton has excellent heat resistance property and, being a natural fibre, the Hose jacket has a very good grip for the Fire Fighter during operation.

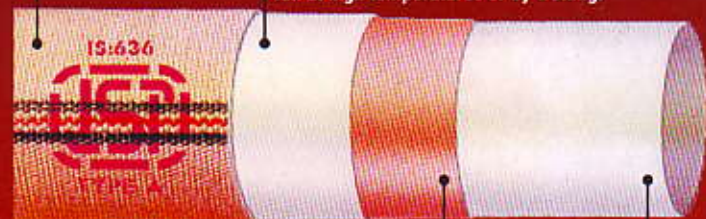
RRL Technology ensures that in extreme circumstances when the outer jacket is severally damaged, the inner reinforcement can continue delivering water at operational pressures; thereby averting an emergency situation. The RRL Technology ensures that the outer jacket can even be repaired so that the Hoses which are severely damaged can be used by virtue of their inner reinforced tube lining. Truly, this Hose gives the advantages of two hoses in one.

THE JACKET

The jacket, manufactured on completely automatic circular looms, consists of a special blend of cotton and synthetic yarn developed by CRC. This offers a high degree of abrasion and heat resistance, enhancing the life of the hose. In fact, CRC-RRL Hose is twice longer lasting than a conventional hose.

THE BONDING MEDIUM

Bonding consists of an extra thin tube, bonding the outside jacket to inside fabric lining. It is completely heat resistant and water proof, and the bond does not fail at high temperatures or by wetting.



THE INNER FABRIC

In between is a thin fabric lining bonded by a special adhesive. This unique process gives an advantage of 'a hose within a hose' giving the hose the benefit of high pressure resistance and flexibility. The fabric is low weight, highly flexible and has maximum tensile strength to assist fire fighting operations even when outside jacket damages in extreme conditions.

THE RUBBER

The rubber lining is made out of a special blend of ingredients which has a remarkable flexibility and durability. The rubber does not rot and can out-last all other types of rubber formulations. The coating required is extra thin and more robust to withstand most adverse situations of pressure variations due to kinks and sudden shocks.

Specifications	
Burst Pressure	35.7 kgf/cm ²
Working Pressure	22.0 kgf/cm ²
Kink Test	22.0 kgf/cm ²
Coil Diameter	42 cms
Abrasion Resistance	200 cycles
Heat Resistance	12 secs