

CHALLENGER FIRE HOSE

GENERAL

"**CHALLENGER**" Model C-700 is constructed with an all synthetic woven textile reinforcement and is encased in a blend of high tensile PVC/Nitrile rubber which forms a unified lining and cover.

FEATURES

Heat Resistance:

It has an excellent heat resistance with the cover providing good protection against accidental contact with hot embers.

Oil and Chemical Resistance:

The construction and blending of PVC/Nitrile rubber give good resistance against contact with wide range of chemical products.

Maintenance Free:

It does not need drying and is unaffected by mildew and is rot-proof and waterproof.

Abrasion Resistance:

The strong construction, blend of PVC/Nitrile rubber and protective ribbing protect it from abrasion damage.

Weather Resistance:

It has excellent resistance against ozone and atmospheric weathering and gives good performance at both low and high temperature.

Standard Conformity:

"**Challenger**" PVC/Nitrile rubber covered layflat fire hose is manufactured to BS6391: 2009 Type 3.

Approvals

- UL Listed EX 26693
- SETSCO Singapore



- *Petrol Chemical*
- *Major Industrial*
- *Aviation*
- *Government Departments*
- *Fire Brigade*
- *Defence Organisation*
- *Marine*
- *Offshore Oil, Gas & Chemical Plants*

TECHNICAL SPECIFICATIONS

Internal Diameter	Millimetres Inches	25 1"	38 1½"	45 1¾"	52 2"	63.5 2½"	70 2¾"	75 3"	102 4"	110 4⅓"	125 5"	152 6"
Weight/ Metre	Gsm./Metre Lbs./Foot	225 0.150	325 0.215	375 0.250	425 0.285	545 0.365	610 0.410	700 0.470	1,080 0.725	1,190 0.790	1,300 0.870	1,780 1.190
Thickness	Millimetres	2.10	2.15	2.15	2.25	2.25	2.30	2.40	2.55	2.60	2.90	2.95
Working Pressure	Bars Psi	30 435	20 290	20 290	20 290	20 290	20 290	15 215	15 215	15 215	10 145	10 145
Test Pressure	Bars Psi	45 650	25 365	25 365	25 365	25 365	25 365	20 290	20 290	20 290	15 215	15 215
Bursting Pressure	Bars Psi	90 1,300	55 800	55 800	50 725	50 725	45 650	40 580	40 580	40 580	30 435	30 435