

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

- SETSCO Singapore
- UL Listed EX 26693



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

TECHNICAL SPECIFICATIONS

		SETSCO		UL Listed EX 26693								
		38	52	38	52	70	75	102	110	125	152	
Internal Diameter	Millimetres	63.5	38	63.5	38	52	70	75	102	110	125	152
	Inches	2 1/2"	1 1/2"	2 1/2"	1 1/2"	2"	2 3/4"	3"	4"	4 1/3"	5"	6"
Weight/Metre	Gsm./Metre	0.57	0.32	0.57	0.334	0.466	0.64	0.89	1.23	1.28	1.48	1.73
	Lbs./Foot	0.848	0.476	0.848	0.497	0.693	0.952	1.324	1.827	1.905	2.202	2.574
Working Pressure	Bars	17	14	14	17	17	15	17	17	13	13	10
	Psi	250	200	200	250	250	220	250	250	200	200	150
Test Pressure	Bars	25	21	21	25	25	22.5	25	25	20	20	15
	Psi	375	300	300	375	375	330	375	375	300	300	225
Bursting Pressure	Bars	51	42	42	51	51	45	51	51	39	39	30
	Psi	750	600	600	750	750	660	750	750	600	600	450