

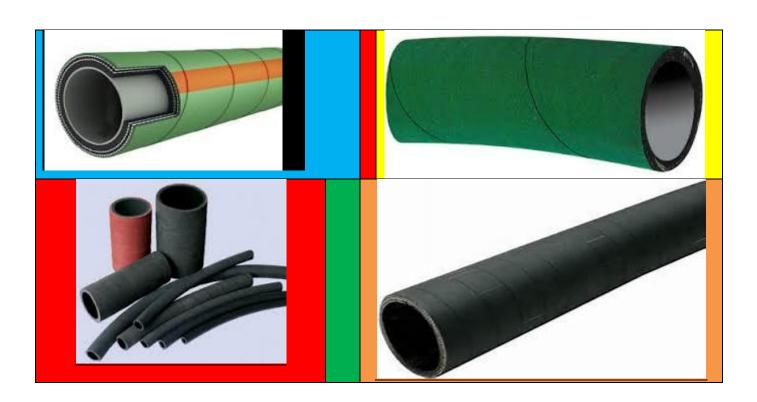
## **SANDHYA ENTERPRISES**

## ISO 9001:2015 CERTIFIED COMPANY

Plot No 5-24-1223/5/1, Ambedkar Nagar, Gajuramaram, Jeedimetla,500055, Hyderabad,Telangana State. India

## Chemical Hose

As Per IS: 7654 / 1987



Application: Designed to handle a wide range of chemicals, acids, alkalies and alcoholic, mineral acids, aqueous solution of inorganic materials during production and their transferring operations.

Lining : Uniform seamless tube of EPDM, Hypalon, Thiokol, Chloroprene, Butyl, SBR, NBR,

natural/synthetic/blend rubber compound or a blend depending on the liquid for which

the hose is intended to be used.

Reinforcement : Plies of rubber coated woven textile or braided synthetic yarns with or without helical

galvanized steel wire.

**Cover** : Smooth, fluted or fabric marked finish with suitable rubber compound, resistant to

weather.

**Types** : Type 1 for conveying dilute chemicals.

Type 2 for conveying concentrated chemicals.

Pressures: Type 1 W.P. of 1.00 MPa & B.P. min.3.15 MPa .

Type 2 W.P. of 1.00 MPa & B.P. min.4.00 MPa

Nom. Bore in (mm)	Tolerance on Nom. bore size in (mm)	Min. Thk. of Lining (mm)	Min. Thk. of cover (mm)
10.00	$\pm~0.75$	2.0	1.3
12.50	$\pm 0.75$	2.0	1.3
16.00	$\pm~0.75$	2.0	1.3
20.00	$\pm 0.75$	2.0	1.3
25.00	± 1.25	2.0	1.3
31.50	± 1.25	2.0	1.3
38.00	± 1.50	2.0	1.3
45.00	± 1.50	2.0	1.3
50.00	$\pm \ 2.00$	2.0	1.3

 $W.P.: Working\ Pressure,\ P.P.:\ Proof\ Pressure,\ B.P.:\ Burst\ Pressure,\ 1MPa:10.2Kgf/Cm^2\ 1Kgf/Cm^2:100KN/m^2\ Length:\ Mandrel\ made\ hose\ up to\ 20\ mtr.,\ Moulded\ braided\ hose\ in\ continuos\ long\ length.$