



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	± 0.75	2.0	1.3
12.50	± 0.75	2.0	1.3
16.00	± 0.75	2.0	1.3
20.00	± 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	± 2.00	2.0	1.3

W.P. :Working Pressure, P.P. : Proof Pressure, B.P. : Burst Pressure, 1MPa : 10.2Kgf/Cm² 1Kgf/Cm² :100KN/m²
Length : Mandrel made hose upto 20 mtr., Moulded braided hose in continuous long length.