

MS 1705:2003 Hot Rolled Carbon Steel Strip and Sheet of Commercial and Drawing Quality														
Grade	Thickness (mm)	Width (mm)	% C	%Mn	% P	% S	% CEq	Tensile Strength (MPa)	Elongation (%)					
									1.4≤t<1.6	1.6≤t<2.0	2.0≤t<2.5	2.5≤t<3.2	3.2 ≤ t <4	t ≥ 4.0
SPHC	1.4 - 16	600 – 1,650	≤0.15	≤0.60	≤0.05	≤0.05	≤0.42	≥270	27	29	29	29	29	31
SPHD			≤0.10	≤0.50	≤0.04	≤0.04	≤0.42	≥270	27	30	32	33	35	37
SPHE			≤0.10	≤0.50	≤0.03	≤0.035	≤0.42	≥270	27	31	33	35	37	39

MS 1768:2004 Hot Rolled Carbon Steel Strip for Pipe and Tube															
Grade	Thickness (mm)	Width (mm)	% C	% Si	% Mn	% P	% S	Tensile Strength (MPa)	Elongation (%)				Bendability		
									1.4≤t<1.6	1.6≤t<3.0	3.0≤t<6.0	6.0≤t<13	Bending angle	Inside Radius	
														3.0 ≥ e	3.0<t≤13
SPHT1	1.4 - 16	600 – 1,650	≤0.1	≤0.35	≤0.5	≤0.04	≤0.04	≥270	30	32	35	37	180°	Flat on itself	0.5e
SPHT2			≤0.18	≤0.35	≤0.6	≤0.04	≤0.04	≥340	25	27	30	32		1.0e	1.5e
SPHT3			≤0.25	≤0.35	0.3-0.9	≤0.04	≤0.04	≥410	20	22	25	27		1.5e	2.0e
SPHT4			≤0.3	≤0.35	0.3-1.0	≤0.04	≤0.04	≥490	15	18	20	22			