

# Sponge Extrusion Standard Tolerances

## Sponge Extrusion Standard Tolerances for ESR16X density and higher

*All dimensions are in Inches and (mm)*

### CORD, SECTIONS & TUBING

SIZE RANGE		TOLERANCE	
ABOVE	UP TO	+/-	
0	0.0625 (1.60)	0.008	(0.20)
0.0625 (1.60)	0.250 (6.35)	0.012	(0.30)
0.250 (6.35)	0.500 (12.70)	0.020	(0.50)
0.500 (12.70)	1.000 (25.40)	0.032	(0.80)
1.000 (25.40)	1.250 (31.75)	0.040	(1.00)
1.250 (31.75)	1.500 (38.10)	0.100	(2.50)
1.500 (38.10)	2.000 (50.80)	0.125	(3.00)
2.000 (50.80)	3.000 (76.20)	0.140	(3.50)
3.000 (76.20)	4.000 (101.60)	0.200	(5.00)
4.000 (101.60)		To be agreed with customer on one-by-one basis	

It should be noted for soft grades such as ESR10X tolerances should be taken to next highest level e.g. a ESR10X section measuring 0.250" will be +/- 0.020 for a section measuring 1.125" will be +/- 0.100" etc. Anything of a lower density must be treated as a one off special.

### CUT LENGTHS

SIZE RANGE		TOLERANCE	
ABOVE	UP TO	+/-	
0	6 (152.4)	0.125	(3.175)
6 (152.4)	12 (304.8)	0.188	(4.76)
12 (304.8)	36 (914.4)	0.313	(7.94)
36 (914.4)	48 (1219.2)	0.375	(9.53)
48 (1219.2)		+/- 0.75%	