

Sleeving Braid

The primary use of wire sleeving braid is to provide sensitive cables with an EMC screen to shield them against electromagnetic, electrostatic and radio frequency interference. Optimum screening performance is obtained using copper wire braid that can also be used for earth continuity purposes. Nickel-plated copper is suitable for use at elevated temperatures and for harsh environments or where abrasion is likely to be encountered, stainless steel or galvanised wire is an option.

STANDARD SLEEVING BRAID						
Reference	Former O/D mm	Minimum Optical Coverage	Wire Ø mm	Usable Ø mm		Approx. Weight kg per 100m (ex-former)
				Min	Max	
MBS 3.0	3.0	90%	0.13	2.0	3.5	1.00
MBS 4.0	4.0	90%	0.13	3.0	5.0	1.45
MBS 5.0	5.0	90%	0.13	4.0	6.0	1.90
MBS 6.0	6.0	90%	0.13	5.0	7.0	2.20
MBS 10.0	10.0	90%	0.16	7.0	12.0	4.40
MBS 12.5	12.5	90%	0.16	11.0	13.0	4.80
MBS 15.0	15.0	90%	0.20	13.0	18.0	8.30
MBS 20.0	20.0	90%	0.13	17.0	23.0	10.00
MBS 25.0	25.0	90%	0.13	22.0	28.0	11.25
MBS 30.0	30.0	90%	0.16	27.0	36.0	19.30
MBS 95 3.0	3.0	95%	0.10	2.5	5.0	1.25
MBS 95 4.0	4.0	95%	0.13	3.5	7.5	2.20
MBS 95 6.0	6.0	95%	0.13	4.5	9.5	2.80
MBS 95 7.5	7.5	95%	0.13	7.0	14.0	4.40
MBS 95 10.0	10.0	95%	0.13	8.0	22.0	5.00
MBS 95 12.5	12.5	95%	0.13	11.0	24.0	7.50
MBS 95 20.0	20.0	95%	0.13	16.0	38.0	10.00
MBS 95 25.0	25.0	95%	0.13	22.0	38.0	11.25
MBS 95 30.0	30.0	95%	0.16	27.0	40.0	19.30
MBS 95 35.0	35.0	95%	0.16	30.0	50.0	20.00
MBS 95 40.0	40.0	95%	0.20	35.0	60.0	33.00
MBS 95 50.0	50.0	95%	0.30	45.0	65.0	35.00