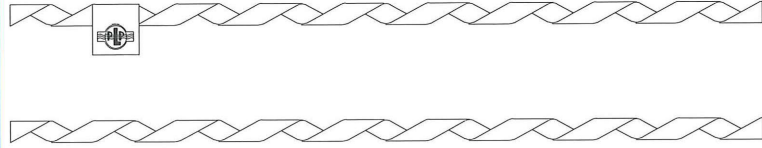


ENVIRONMENTAL

PREFORMED™ Tree Guard



Application

The PREFORMED™ Tree Guard is designed to protect bare conductors and plastic covered cables against mechanical abrasion cause by tree limbs or other obstructions.

Catalogue size is determined by the effective overall diameter of single or grouped conductors. Arrange grouped cables to provide a bundle with the smallest diameter. The diameter of this bundle when located within a range on the catalogue data sheet will provide the correct size Tree Guard.

See section Lashing Rod for the formula to determine the smallest circumscribing circle for bundled cables with or without catenary.

PREFORMED™ Tree Guards can be butted to achieve a combination of lengths. Special lengths are available to order subject to quantity required.

Although the plastic used has high dielectric properties, slits between the cylindrically shaped strips prevent Tree Guards from being recommended as insulation.

Construction

Tree Guards are manufactured from a high impact polyvinyl chloride, selected because of its resistance to extreme abrasion. The material possesses excellent chemical and strength properties which will retain good physical characteristics within a range of extreme temperatures. Outdoor tests indicate that the material does not deteriorate in function or appearance from the effects of severe weather conditions. Industrial fumes and salt water cannot seriously degrade the properties of rigid PVC.

Lay Direction

Since the PREFORMED™ Tree Guard is not a tension fitting the lay direction of bare conductors or bundled cables will not influence its performance.

Product Referencing and Ordering

Contact PLP (GB) Ltd with the following information:-

- Quantity
- Catalogue number
- Product name
- Strand: Material
 - Material of insulation (if applicable)
 - Number (bundled cables)
 - Overall diameter

3-6-3/1

ENVIRONMENTAL*PREFORMED™ Tree Guard-High Impact PVC*

CATALOGUE No.	CONDUCTOR DIAMETER RANGE mm		LENGTH mm	WALL THK mm	APPROX WEIGHT KGS PER 100
	MIN	MAX			
TG6140068	6.04	6.77	4000	1.5	24
TG6140075	6.78	7.53	4000	1.5	26
TG6140083	7.54	8.34	4000	1.5	28
TG6140091	8.35	9.10	4000	1.5	30
TG6140099	9.11	9.89	4000	1.5	32
TG6140107	9.90	10.70	4000	1.5	34
TG6140115	10.71	11.52	4000	1.5	36
TG6140122	11.53	12.15	4000	1.5	39
TG6140130	12.16	12.99	4000	1.5	42
TG6140138	13.00	13.78	4000	1.5	42
TG6140144	13.79	14.44	4000	3.9	58
TG6140152	14.45	15.20	4000	3.9	61
TG6140163	15.21	16.29	4000	3.9	64
TG6140179	16.30	17.94	4000	3.9	69
TG6140194	17.95	19.37	4000	4.7	91
TG6140208	19.38	20.84	4000	4.7	95
TG6140224	20.85	22.41	4000	4.7	103
TG6140241	22.42	24.06	4000	4.7	111
TG6140257	24.07	25.65	4000	4.7	115
TG6140273	25.66	27.29	4000	4.7	123
TG6140287	27.30	28.74	4000	4.7	131
TG6140303	28.75	30.34	4000	4.7	143
TG6140318	30.35	31.79	4000	4.7	143
TG6140337	31.80	33.74	4000	4.7	151
TG6140368	33.75	36.84	4000	4.7	166
TG6140401	36.85	40.09	4000	4.7	183
TG6140433	40.10	43.32	4000	4.7	191
TG6140465	43.33	46.53	4000	4.7	199

3-6-3/2

For use on Bare Conductor, Strand, Plastic Covered Cable, Catenary and Cable.

NOTE: The third digit of the catalogue number refers to the length of fitting ie 1 metre - TG611, 2 metres - TG612.