

**ASTRAL**  
*Wire Guard*<sup>®</sup>  
Conduit Pipes & Fittings

**ASTRAL**<sup>®</sup>  
**PIPES**

**WIRES KA  
SURKSHA KAVACH**



**CONDUIT PIPES FOR PROTECTION OF  
WIRES AND CABLES**



ASTRAL WIRE GUARD conduit pipes and fittings have good impact strength, superior light proofness and chemical resistance. They have high heat deflection temperature and ductile behavior even at low temperatures. ASTRAL WIRE GUARD conduit is the lightest in weight compared to other materials and highly reasonable in terms of cost. ASTRAL WIRE GUARD conduit is available in three different wall thicknesses with the thin wall variety being suitable for embedded use in concrete and heavier grades suitable for direct burial and exposed work. ASTRAL WIRE GUARD conduit pipes and fittings resist moisture and most corrosive substances. Joints to fittings are made with slip-on solvent welded connections, which stick on rapidly on assembling and attain full strength in about few hours.

**ASTRAL® WIRE GUARD PRODUCT SPECIFICATION :**

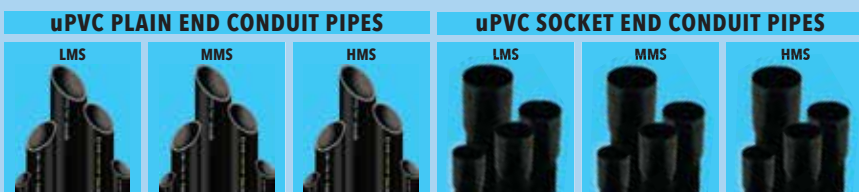
ASTRAL® uPVC WIRE GUARD conduit pipes are manufactured in accordance with **Bureau of Indian Standards** specifications IS 9537 : 3 in the range of 20mm to 63mm with light, medium and heavy range & fittings as per IS 3419.



**DIMENSIONAL DETAILS OF uPVC CONDUITS AS PER IS 9537:3**

Out Side Diameter in mm	Tolerance on OD	Light			Medium			Heavy		
		Min. ID	Min. Wall Thickness	Max. Wall Thickness	Min. ID	Min. Wall Thickness	Max. Wall Thickness	Min. ID	Min. Wall Thickness	Max. Wall Thickness
20	-0.3	17.4	1.15	1.30	16.90	1.40	1.55	15.80	1.95	2.10
25	-0.4	22.1	1.25	1.45	21.40	1.60	1.80	20.60	2.00	2.20
32	-0.4	28.6	1.50	1.70	27.80	1.90	2.10	26.60	2.50	2.70
40	-0.4	35.8	1.90	2.10	35.40	2.10	2.30	34.40	2.60	2.80
50	-0.5	45.1	2.20	2.45	44.30	2.60	2.85	43.20	3.15	3.40
63	-0.6	57.0	2.70	3.00	-	-	-	-	-	-

**uPVC ROUND CONDUIT PIPES**



**COLOUR CODES FOR THICKNESS :**

- BLUE :** Light Mechanical Stress (LMS).
- YELLOW :** Medium Mechanical Stress (MMS).
- WHITE :** Heavy Mechanical Stress (HMS).

**COLOUR :**

ASTRAL WIRE GUARD electrical conduits are available in Black & Ivory Colours. Other colours are available on request.



**uPVC ROUND CONDUIT FITTINGS**



**ASTRAL TOLL FREE 1800 233 7957**  
Please get in touch with us between 10 a.m. to 6 p.m.

**ASTRAL POLY TECHNIK LIMITED**

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