



PLANT STANDARD HYDERABAD

HY 779 09 62

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PIPE END COVERS (EXTERNAL)

1. SCOPE

This standard covers the requirements of plastic pipe end covers (external) used to prevent dirt entering the pipes and to protect their weld edge prepared surfaces.

2. DESIGNATION

Pipe end cover (external) suitable for pipe O.D. 114.3 shall be designated as follows:

2.1 On drawings:

i) Material specification column: HY 779 09 62.

ii) Description column: PIPE END COVER (EXT) 114.3

2.2 For placing indents on purchase:

Pipe end cover (external), Size D=114.3, HY 779 09 62.

2.3 For issuing enquiries and purchase orders:

The above description shall be specified and a copy of this standard shall be enclosed.

3. MATERIAL

Low density polyethylene conforming to IS:3395 type WA or type GCA. Type WA is preferred. The colour of the end covers shall be non-attractive preferably black.

4. MANUFACTURE AND WORKMANSHIP

4.1 The end covers shall have sufficient flexibility to fit tightly on the outer surface of pipe to withstand shock and handling during transit of the pipes.

4.2 The corners shall be suitably rounded.

4.3 Samples shall be supplied by the successful tenderer for approval of BHEL, before effecting bulk supply.

4.4 Each end cover shall be embossed with company's monogram and the pipe outside diameter in mm. The size of the letters shall be so selected to provide better legibility. The size of the monogram shall be as specified in table 2.

Revision: ① MATERIAL CHANGED TO LDPE FROM PVC
TOLERANCE TO '1' ADDED

Date: OCT '84

Issued **STANDARDS SECTION**
TECHNICAL SERVICES DIVISION

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Date:

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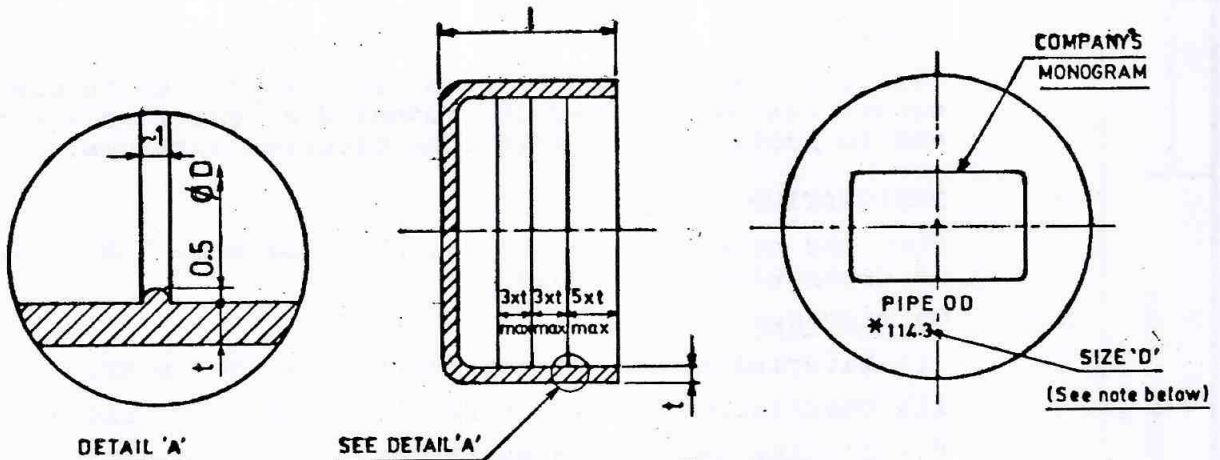


TABLE 1

ALL DIMENSIONS ARE IN mm

SIZE OF THE COVER=OD OF THE PIPE		THICK-NESS	LENGTH	NO. OF PROJECTIONS	MONO-GRAM	PREF. SYM-BOL	NEW CODE
D	Tol.	$t^{+0.2}_0$	l	(Detail 'A')	SIZE		OLD CODE
6							HY 779 09 62 019
8							HY 779 09 62 027
10.2							HY 779 09 62 035
12							HY 779 09 62 043
13.5							
14	0 -0.2	1.5	20	3	10		HY 779 09 62 060
16							HY 779 09 62 078
17.1							HY 779 09 62 086
20							
21.3							HY 779 09 62 108
25							HY 779 09 62 116
26.7			25		15		HY 779 09 62 124
30							

NOTE: THE VALUE 114.3 IS SHOWN ONLY FOR TYPICAL ILLUSTRATION.
THE RESPECTIVE SIZE OF THE END COVER SHALL BE EMBOSSED IN THIS PLACE.

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SIZE OF THE COVER=OD OF THE PIPE		THICK- NESS $t^{+0.2}_{-0}$	LENGTH l	NO.OF PROJEC- TIONS (Detail 'A')	MONO- GRAM SIZE	PREF. SYM- BOL	NEW CODE
D	Tol.						OLD CODE
31.8	0 -0.2	1.5	25	3	15		HY 779 09 62 140
33.4							HY 779 09 62 159
38							—
42.2							—
44.5							—
48.3	0 -0.5	2	30		25		HY 779 09 62 191
51							—
57							—
60.3							HY 779 09 62 221
63.5							—
70	0 -1	2.5	40		40		—
73							—
76.1							HY 779 09 62 264
82.5							—
88.9							HY 779 09 62 280
101.6	0 -2	45	4	40			—
108							HY 779 09 62 302
114.3							HY 779 09 62 310
127							—
133							—
139.7	0 -2						HY 779 09 62 345
141.3							—
152.4							HY 779 09 62 361



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SIZE OF THE COVER=OD OF THE PIPE		THICK- NESS $t^{+0.2}_{-0}$	LENGTH L	NO. OF PROJEC- TIONS (Detail 'A')	MONO- GRAM SIZE	PREF. SYM- BOL	NEW CODE	
D	Tol.						OLD CODE	
159	0 -2	2.5	45	4	40			
165.1			50					
168.3							HY 779 09 62 396 —	
177.8		3	60					
193.7							HY 779 09 62 418 —	
219.1							HY 779 09 62 426 —	
244.5	0 -3	3.5	75	5		40		HY 779 09 62 434 —
267								
273								HY 779 09 62 450 —
298.5								
323.8		4	100					HY 779 09 62 477 —
355.6								HY 779 09 62 485 —
368								
377								HY 779 09 62 507 —
406.4	0 -4	4.5	125					HY 779 09 62 515 —
419								
457								HY 779 09 62 531 —
508								HY 779 09 62 540 —
559								
610								HY 779 09 62 566 —

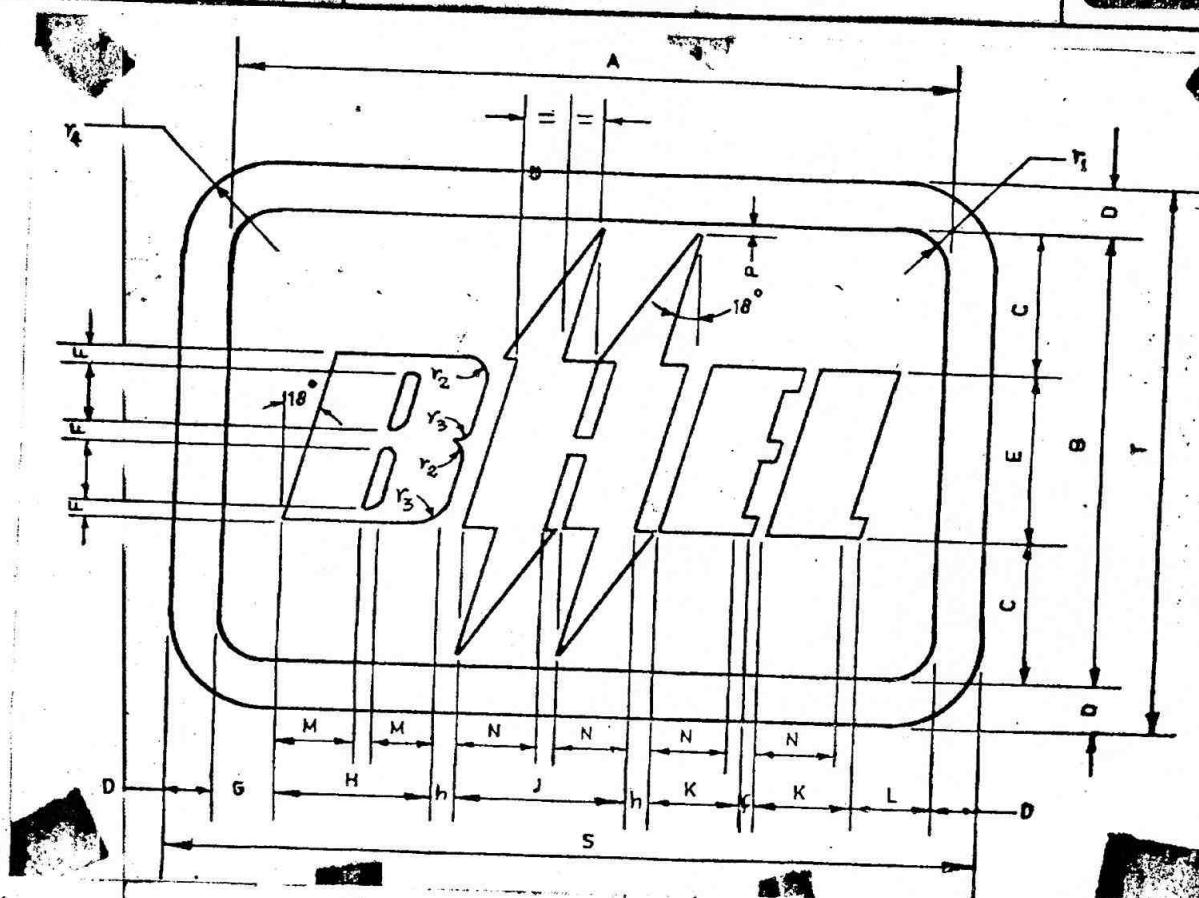


TABLE 2

MONO- GRAM SIZE 'A'	DIMENSIONS																			OVERALL SIZE S x T
	B	C	D	E	F	G	H	J	K	L	M	N	P	f	h	r ₁	r ₂	r ₃	r ₄	
	0.63 A	0.2 A	0.065 A	0.23 A	0.024 A	0.075 A	0.22 A	0.24 A	0.135 A	0.12 A	0.095 A	0.105 A	0.010 A	0.015 A	0.03 A	0.07 A	0.02 A	0.025 A	0.135 A	
10	6.3	2.0	0.65	2.3	0.24	0.75	2.2	2.4	1.35	1.2	0.95	1.05	0.10	0.15	0.3	0.7	0.2	0.25	1.35	11.3 X 7.6
15	9.5	3.0	1.0	3.5	0.4	1.2	3.3	3.5	2.0	1.8	1.4	1.5	0.15	0.2	0.5	1.0	0.3	0.4	2.0	17 X 11.5
25	16	5.0	1.5	6.0	0.6	1.8	5.4	6.0	3.4	3.0	2.3	2.6	0.25	0.4	0.8	1.8	0.5	0.6	3.3	28 X 19
40	25	8.0	2.5	9.0	1.0	3.0	9.0	9.5	5.5	5.0	4.0	4.2	0.4	0.5	1.0	3.0	0.8	1.0	5.5	45 X 30