



# SANDHYA ENTERPRISES

AN ISO 9001:2015 Certified Company

Address: 5-24-1223/8/1, Ambedkar Nagar, Gajularamaram, Hyderabad – 500056.

AN ISO 9001:2015 Certified Company

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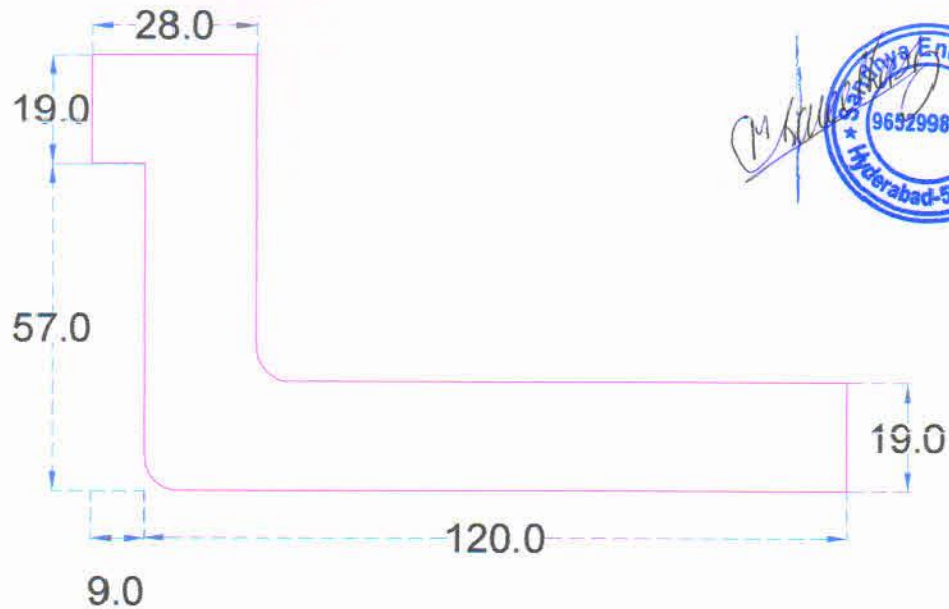
Website : www.sandhyaflex.com

WhatsApp: 9652998932

YouTube: www.youtube.com/c/SANDHYAENTERPRISES

Website : <http://www.sandhyaflex.com/pvc-zatot>

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## DAM GATE RUBBER SEAL (Z-TYPE)

S.NO	TESTS	Permissible Limits as per IS:11855-1986 Specificatioin	Relevant code for testing procedure/method
1	Physical Properties-Before Ageing		
	Hardness Test	60 to 70 Shore A	IS:3400(Part II)
	Tensile Strength	14.5 N/MM2 (Min)	IS:3400(Part I)
	Elongation at Break	450%(min)	IS:3400(Part I)
2	Water Absorbtion	10% (max)	IS:3400(Part VI)
3	Polymer Percentage	70%(min)	IS:3400(Part XXII)
4	Polymer	(NR)	ASTM D297
5	Physical Properties - After Ageing @ 70o C for 48 Hours		
	Changing in Tesile Stregh %	+20%(Max)	IS:3400(Part IV)
	Change in Tensile Strength %	-20%(Max)	IS:3400(Part IV)
	Change in Elongation at Break	-20%(Max)	IS:3400(Part IV)

TITLE:

DAM GATE RUBBER SEAL (Z-TYPE)

DRAWING NO:

SE/RS/L120/W76/T19

DRAWN BY:

MD. RAHMATH ALI  
(B.TECH CIVIL ENG)

CHECKED BY:

MITHILESH CHOUDHARY



SANDHYA ENTERPRISES

HYDERABAD



# SANDHYA ENTERPRISES

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Address: 5-24-1223/8/1, Ambedkar Nagar, Gajularamaram, Hyderabad – 500055.

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GSTIN: 36GNLPS1299P1Z5

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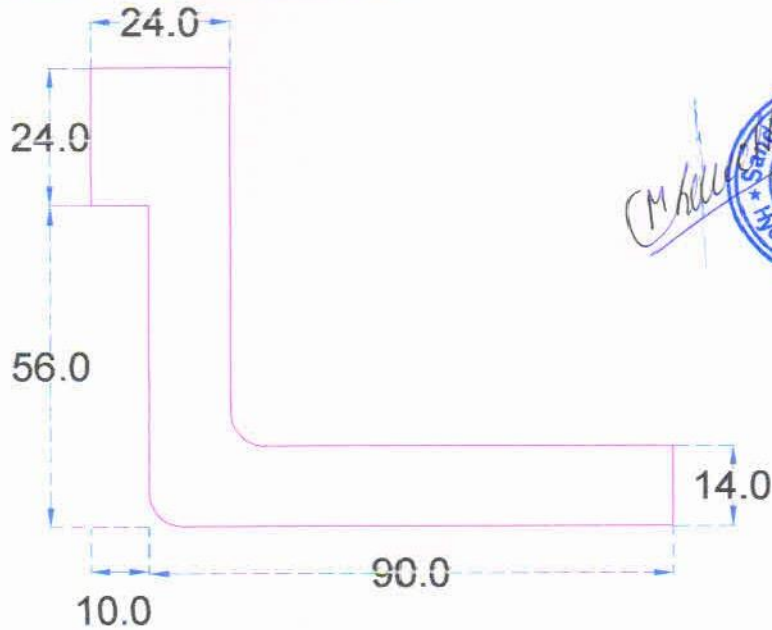
Website: www.sandhyaflex.com

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Website: http://www.sandhyaflex.com/200-water

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**DAM GATE RUBBER SEAL (Z-TYPE)**

S.NO	TESTS	Permissible Limits as per IS:11855-1986 Specification	Relevant code for testing procedure/method
1	Physical Properties-Before Ageing		
	Hardness Test	60 to 70 Shore A	IS:3400(Part II)
	Tensile Strength	14.5 N/MM <sup>2</sup> (Min)	IS:3400(Part I)
	Elongation at Break	450%(min)	IS:3400(Part I)
2	Water Absorbtion	10% (max)	IS:3400(Part VI)
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	Change in Tensile Strength %	-20%(Max)	IS:3400(Part IV)
	Change in Elongation at Break	-20%(Max)	IS:3400(Part IV)

TITLE:	DRAWING NO:	DRAWN BY:	SANDHYA ENTERPRISES HYDERABAD
DAM GATE RUBBER SEAL (Z-TYPE)	SE/RS/L90/M80/T14	MD. RAHMATH ALI (B.TECH CIVIL ENG)	
		CHECKED BY:	
		MITHILESH CHOUDHARY	