## How to make a multicolored line entity or with embedded text in GstarCAD?

1089 kbadmin April 3, 2016 Tips & Tricks 0 5417

Although it may sound impossible, you can draw multicolored lines / polylines in GstarCAD.

MLINE functionality can be used for this. Use the MLSTYLE command to define a new multiline style and define

(element properties) two line elements, both with the offset equal to 0. Set different colors to them (e.g. green

and red). Use different linetypes, e.g. DASHED and DASHED2 (you may need to Load them first) - for real-life

applications you will probably need to define your own linetypes. Save the new Mline style.

ecription	MULTICOLORES	D LINE	2y/ex.	Stee.		
Description:			Benerits	Set Cyrrent		
	Start	End	Offset Color Linetype	New		
Line			0 Green DASHED			
Outer arc:			0 Red DASHED2	Modfy		
inner arcs:				Bename		
Angle:	90.00	90.00	Add Delete	Delete		
			Offset: 0.000 Description:	Load		
Fill color:	None		Calor: Red ·	Sgve		
			Preview: STANDARD			
Display joints:			unitities and a second and as			
			OK Cancel Help			
Display joints:			Linitype: Linitype			

Now use the MLINE command to draw a polyline using this new mlstyle - it has alternating green/red colors!

You can use the same approach to define even three or more colors.

As GstarCAD allows defining complex linetypes containing text, you can even make linetypes (mlines) with embedded text in a different color than the line (e.g. line in a BYLAYER color and text always in blue). For this you need to define one complex linetype containing text and almost no lines (e.g. only dots) plus an

appropriate dashed linetype with spaces for the text.

escription	LINE WITH EMBEDD	ED TEXT					Load or Reload Linety	pes	
Description:			Benerts				File gcadao	lin	
	Start	End	Offset	Color	Linetype		Available Linetypes		
Line			0	Red	Bylayer		Linetype	Description	
Outer arc:			0	Red	Bylayer		GCAD_IS014W100	ISO dash triple-dot	
inner arcs:							GCAD_ISO15W100 FENCELINE1	ISO double-dash triple-dot Fenceline circle00000	
Angle:	90.00	90.00	Add	Dele	le		FENCELINE2 TRACKS BATTING	Fenceline square	
Fill				0.000			BATTING CURDLY	Betting SSSSSSSSSSSSSSSSSSSSS	
Fill color:	None None		• Offset:	0.000			GAS_LINE	Gas IneGASGASGASGAS	
			Color:	Red			JIS_08_11	15ASEN11	
Display joints:			Linetypes:		Linetype		JIS_08_15 JIS_08_25	1SASEN15 1SASEN25	
							OK	Cancel Help	
			OK	Ca	ncel	Help			_



Online URL: <u>https://www.kb2.gstarcad.com.my/article.php?id=1089</u>