

Welding Consumables for Stainless Steel

Flux Cored Wires for Stainless Steel

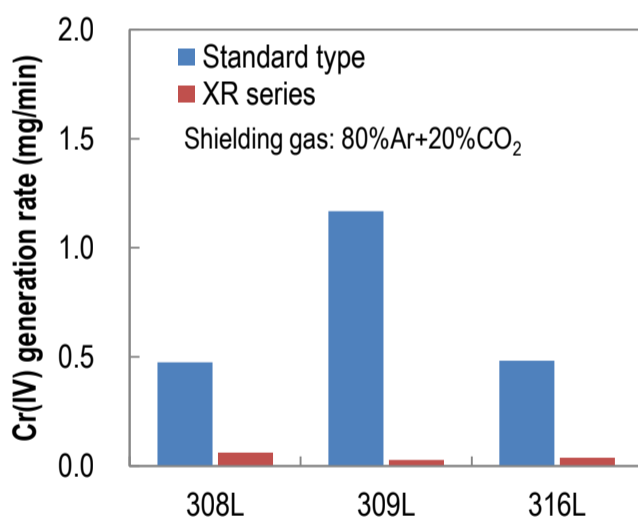
Type of steel		Standard Type		Low Hexavalent Cr Type		Flux Cored TIG Rod
		Flat & Horizontal	All Position	Flat & Horizontal	All Position	
304	General	PREMIARC DW-308 (A5.22 E308T0-1/4)	PREMIARC DW-308P (A5.22 E308T1-1/4)	-	-	-
304L	Low Carbon	PREMIARC DW-308L (A5.22 E308LT0-1/4)	PREMIARC DW-308LP (A5.22 E308LT1-1/4)	PREMIARC DW-308L-XR (A5.22 E308LT0-1/4)	PREMIARC DW-308LP-XR (A5.22 E308LT1-1/4)	PREMIARC TG-X308L (A5.22 R308LT1-5)
	High Temp.	-	PREMIARC DW-308LH (A5.22 E308LT1-1/4)	-	-	-
304H	High Temp.	-	PREMIARC DW-308H (A5.22 E308HT1-1/4)	-	-	-
316L	Low Carbon	PREMIARC DW-316L (A5.22 E316LT0-1/4)	PREMIARC DW-316LP (A5.22 E316LT1-1/4)	PREMIARC DW-316L-XR (A5.22 E316LT0-1/4)	PREMIARC DW-316LP-XR (A5.22 E316LT1-1/4)	PREMIARC TG-X316L (A5.22 R316LT1-5)
	High Temp.	-	PREMIARC DW-316LH (A5.22 E316LT1-1/4)	-	-	-
316H	High Temp.	-	PREMIARC DW-316H (A5.22 E316HT1-1/4)	-	-	-
Dissimilar Metals		PREMIARC DW-309L (A5.22 E309LT0-1/4) PREMIARC DW-309LMo (A5.22 E309LMoT0-1/4)	PREMIARC DW-309LP (A5.22 E309LT1-1/4) PREMIARC DW-309LMoP (A5.22 E309LMoT1-1/4)	PREMIARC DW-309L-XR (A5.22 E309LT0-1/4)	PREMIARC DW-309LP-XR (A5.22 E309LT1-1/4)	PREMIARC TG-X309L (A5.22 R309LT1-5)
347, 321	General	PREMIARC DW-347 (A5.22 E347T0-1/4)	-	-	-	PREMIARC TG-X347 (A5.22 R347T1-5)
	High Temp.	-	PREMIARC DW-347H (A5.22 E347T1-1/4)	-	-	-

Environmental Friendly XR Series

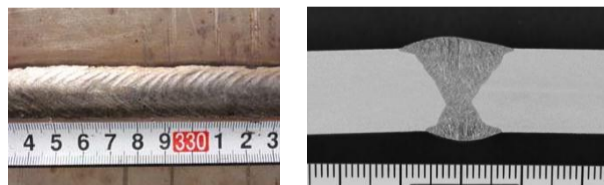
Occupational Safety and Health Administration (OSHA) reduces the exposure limit of Cr(IV) to 0.005 mg/m³



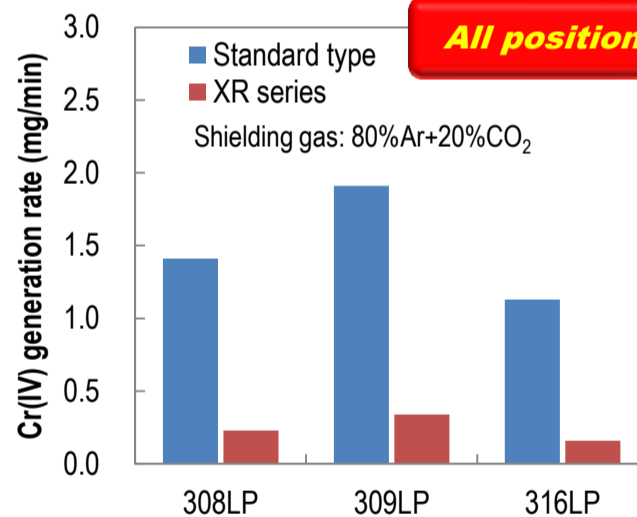
Low Hexavalent Cr Emission Flux Cored Wires



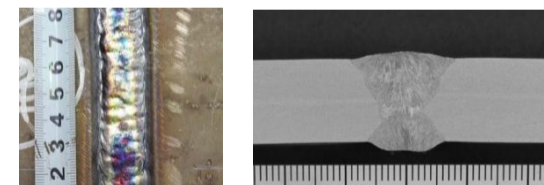
Flat & Horizontal Type



Wire: [PREMIARC DW-308L-XR](#)
200A-29V, Flat (1G)

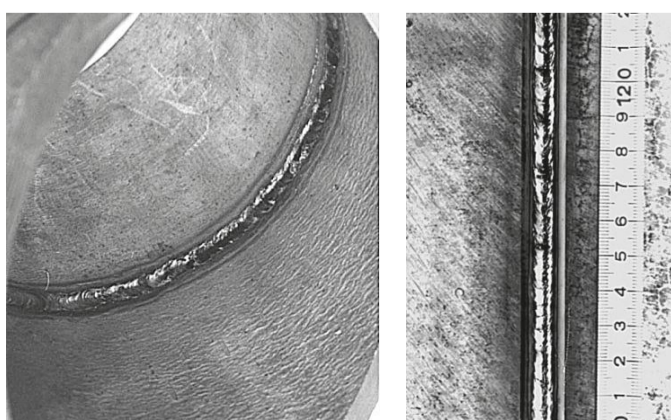


All Position Type



Wire: [PREMIARC DW-308LP-XR](#)
160A-28V, Vertical Upward (3G)

Flux Cored Stainless TIG Rods

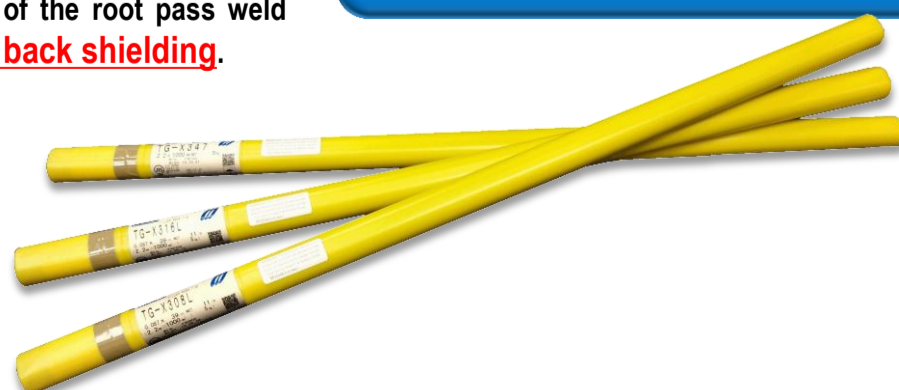


Back Bead

Face Bead

Glossy, regular bead appearance of the back and face bead surface of the root pass weld made by GTAW with **no back shielding**.

Wire: [PREMIARC TG-X308L](#)
Base Material: 304
Welding Position: 5G



No Back Purge Necessary TG-X Series