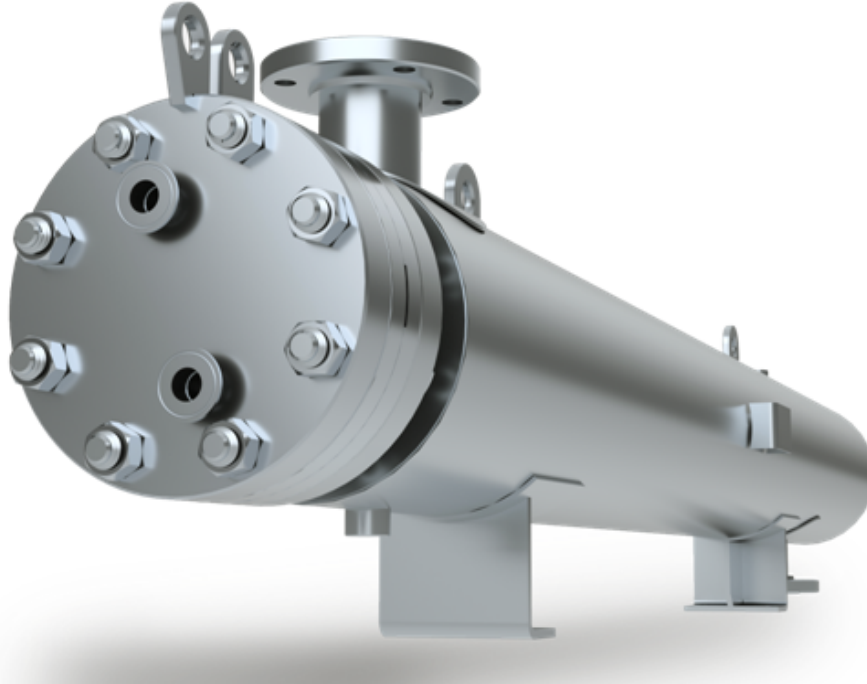


Heat Exchanger Tubing for Oil & Gas, Petrochemicals and Shipbuilding



CREST XSL XBR Heat Exchanger Tube Product

manufactured seamless according to ASME SA213
 manufactured welded according to ASME SA249
 servicing oil & gas industries
 servicing oil refining industries
 servicing chemical and petrochemical industries
 servicing fine chemicals
 installed into high-pressure heat exchangers

Dimension	
OD [inch(mm)]	WT [inch(mm)]
0.5"(12.7)	From 0.049"(1.24) To 0.120"(3.00)
0.625"(15.88)	
0.75"(19.05)	
0.875"(22.23)	
1"(25.4)	

Code	Specifications	Pre-Materials	Manufacturing	Length
XSL	SA213 SA268, SA179 SA789, SA790 SB338	304L/304H/304N/321/316L/310S 430/430J1L/439/T11/T22/SA179 31803/32205/32750 Titanium Gr-2	Seamless	up to 20 m
XBR	SA249 SA268 SA789 SB338	304L/304H/304N/321/316L/310S 430/430J1L/439 31803/32205/32750 Titanium Gr-2	Welded	up to 30 m

Heat Exchanger Tube for Falling Film Evaporators

Leak-Proof & Cost-Effective Stainless Steel Tube for Sugar Mills

manufactured according to ASME SA249
 manufactured according to ASME SA248
 servicing sugar mills
 installed into falling film evaporators
 installed into juice pan heaters

Code	Specifications	Pre-Materials	Manufacturing	Length
XBR-111	SA268 SA249	439 304 304L	Welded as Seam-Less	6000mm 12000mm

Dimension (mm)	
OD	WT
35.0	1.50
41.3	1.20
42.4	1.50
44.5	1.50
60.3	1.65
101.6	1.60

High Precision Seamless Tubing for Instrumentation and Hydraulic Applications

CREST SLB Seamless Tube Products

Dimension	
OD [inch(mm)]	WT [inch(mm)]
0.125"(3.18)	From 0.020"(0.5) To 0.120"(3.00)
0.25"(6.35)	
0.375"(9.53)	
0.5"(12.7)	
0.55"(14.0)	
0.625"(15.88)	
0.75"(19.05)	
0.87"(22.0)	
0.875"(22.23)	
1"(25.4)	



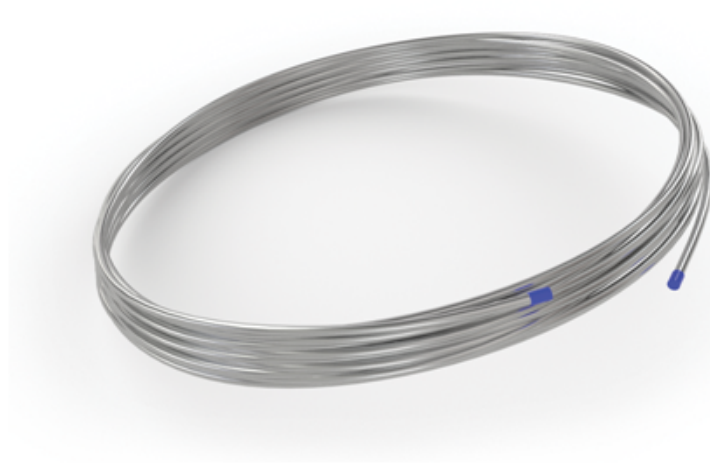
manufactured according to ASTM A213/269
 manufactured according to ASTM A789
 mechanical properties are controlled to endure excessive stress
 servicing high-precision instrumentation applications
 servicing high-pressure hydraulic applications
 servicing general seamless tubing requirement

Product Code	Specifications	Pre-Materials	Surface Finish	Length
SLB-010	A213/A269	304L 316L 316L 2.5%-moly S32205 Inconel 825	Bright Annealed	6000mm or 20ft
SLP-011	A213/A269	304L 316L 316L 2.5%-moly S32205 Inconel 825	Annealed Pickled	6000mm or 20ft

High-Precision Stainless Steel Coil Tubes for Downhole Services & Subsea Services

CREST MCS Seamless Coil Tube Products

Dimension	
OD [inch(mm)]	WT [inch(mm)]
0.125"(3.18)	From 0.020"(0.50) To 0.120"(3.0)
0.25"(6.35)	
0.375"(9.53)	
0.5"(12.7)	
0.55"(14.0)	
0.625"(15.88)	
0.75"(19.05)	

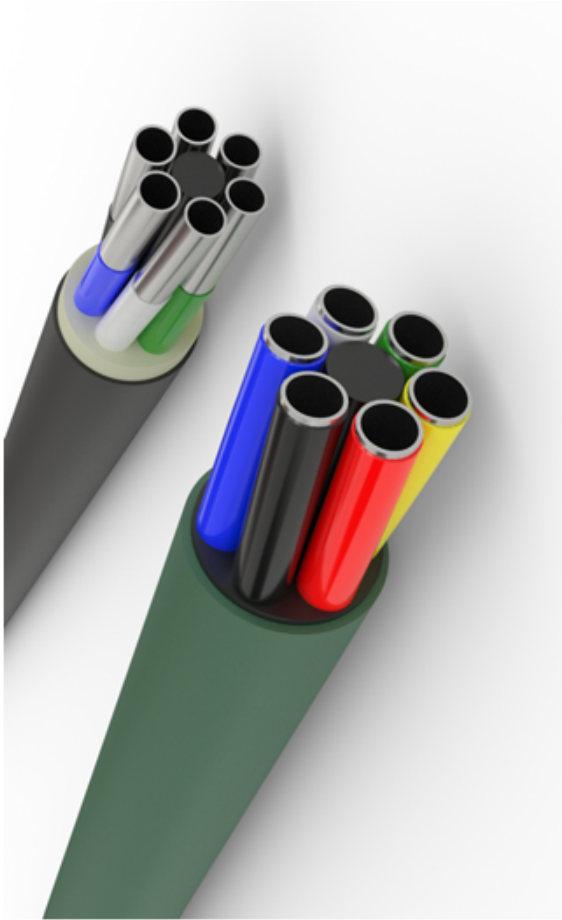


manufactured according to ASTM A213/269
 manufactured according to ASTM A789
 mechanical properties are controlled to endure excessive stress
 servicing high-precision instrumentation applications
 servicing high-pressure hydraulic applications
 servicing general seamless tubing requirement

Code	Specifications	Pre-Materials	Manufacturing	Length
MCS	A213/A269	304L 316L 321 S31803/S32205 Inconel 825	Seamless	25kg per reel 100kg per reel

Multi Core Control Lines for Hydraulic Power Transmission Monitoring

CREST TMC Multi-Cored Tube Products



manufactured according to ASTM A213 and/or A269
 mechanical properties are controlled to endure excessive stress
 servicing high-precision instrumentation applications
 servicing high-pressure hydraulic applications
 servicing general seamless tubing requirement

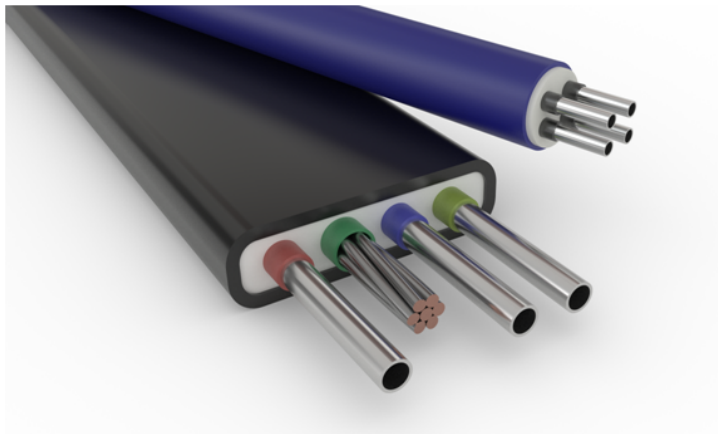
Dimension	
OD [inch(mm)]	WT [inch(mm)]
0.125" (3.175)	From 0.008" (0.20) To 0.120" (3.00)
0.25" (6.35)	
0.375" (9.53)	
0.5" (12.7)	
0.55" (14.0)	
0.625" (15.88)	
0.75" (19.05)	

Code	Specifications	Pre-Materials	Manufacturing	Length
TMC-221	A269	304L 316L 316L 2.5%-moly 904L Inconel 625 Inconel 825	Welded & Drawn	1500m per reel 2500m per reel
TMC-020	A213/A269	304L 316L 316L 2.5%-moly 904L Inconel 625 Inconel 825	Seamless	25kg per reel 100kg per reel

Encapsulated Tubing for Subsea Control Lines and Chemical Transfer

CREST TEC Tube Encapsulated Cable Products

manufactured according to ASTM A213/269
 manufactured according to ASTM A789
 mechanical properties are controlled to endure excessive stress
 servicing high-precision instrumentation applications
 servicing high-pressure hydraulic applications



Dimension	
OD [inch(mm)]	WT [inch(mm)]
0.125"(3.18)	From 0.008"(0.20) To 0.120"(3.00)
0.25"(6.35)	
0.375"(9.53)	
0.5"(12.7)	
0.55"(14.0)	
0.625"(15.88)	
0.75"(19.05)	

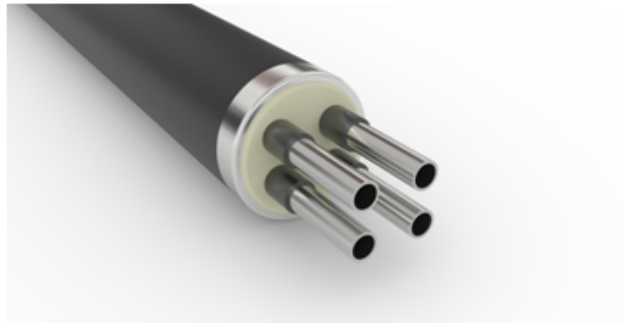
Code	Specifications	Pre-Materials	Manufacturing	Length
TEC-210	A269	304L 316L 316L 2.5%-moly Inconel 825	Welded & Drawn	1500m per reel 2500m per reel
TEC-010	A213/A269	304L 316L 316L 2.5%-moly Inconel 825	Seamless	25kg per reel 100kg per reel

Tube Pre-Insulated for Steam Tracing Control Lines for Chemical Transfer

CREST TPI Pre-Insulated Tube Products

Dimension	
OD [inch(mm)]	WT [inch(mm)]
0.125"(3.18)	From 0.008"(0.20) To 0.120"(3.00)
0.25"(6.35)	
0.375"(9.53)	
0.5"(12.7)	
0.55"(14.0)	
0.625"(15.88)	
0.75"(19.05)	
0.87"(22.0)	
0.875"(22.23)	
1"(25.4)	

manufactured according to ASTM A213 and/or 269
mechanical properties are controlled to endure excessive stress
servicing high-precision instrumentation applications
servicing high-pressure hydraulic applications
servicing general seamless tubing requirement



Code	Specifications	Pre-Materials	Manufacturing	Length
TPI-221	A269	304L 316L 316L 2.5%-moly Inconel 825	Welded & Drawn	1500m per reel 2500m per reel
TPI-020	A213/A269	304L 316L 316L 2.5%-moly Inconel 825	Seamless	25kg per reel 100kg per reel

Gas Transfer Tube for Hydrogen Fuel Cell Power Plant

CREST XBR High Precision Tube Products

Product Code	Specifications	Choice of Pre-Materials	Manufacturing	Length
XBR-110 Welded	A249/SA249	304L/310S	Bright annealed	cut to length
XSL-010 Seamless	A213/SA213	304L/310S	Bright annealed	cut to length

manufactured according to ASTM A213 and ASME SA213
 manufactured according to ASTM A249 and ASME SA249
 gas transfer tube for Hydrogen Fuel Cell Power Plants
 offered in stainless steels of 304L and 310S



Dimension	
OD [inch(mm)]	WT [inch(mm)]
1/2"(12.7)	0.065"(1.65)
3/4"(19.05)	0.065"(1.65)
1"(25.4)	0.065"(1.65)
1.5"(38.1)	0.065"(1.65)
2"(50.8)	0.065"(1.65)
2.5"(63.5)	0.065"(1.65)
3"(76.2)	0.065"(1.65)
4"(101.6)	0.083"(2.11)
6"(152.4)	0.109"(2.77)

High Purity 3A Tube Cost Efficient Product Solution

CREST 3A Sanitary Piping Products

Finish Code Product Code	Specifications	Pre-Materials	Surface Roughness (Max)		
			ID	< 20 RA	< 0.5 µm
MP S3A-112	SA249/A269/A270-S2	304 304L 316L	OD	< 32 RA	< 0.8 µm

manufactured as welded as seam-less (WSL)
according to the latest version of ASME SA249, A269 and A270-S2
servicing the pharmaceutical, personal care and cosmetic industries
servicing the dairy, dairy and cheese industries
for the sterilization process and health solutions needs

Dimension	
OD [inch/mm]	WT [inch/mm]
1/2"(12.7)	0.065"(1.65)
3/4"(19.05)	0.065"(1.65)
1"(25.4)	0.065"(1.65)
1.5"(38.1)	0.065"(1.65)
2"(50.8)	0.065"(1.65)
2.5"(63.5)	0.065"(1.65)
3"(76.2)	0.065"(1.65)
4"(101.6)	0.083"(2.11)
6"(152.4)	0.109"(2.77)

High Purity 3A Fittings Cost Efficient Product Solution

CREST 3A Sanitary Piping Products

manufactured according to the latest version of ASME SA249, A269 and A270-S2
 pharmaceutical company service
 servicing the food, poultry and spice industries
 servicing the milk, dairy and wine industries
 Pipe processing for food and beverage



Dimension	
OD [inch/mm]	WT [inch/mm]
1/2"(12.7)	0.065"(1.65)
3/4"(19.05)	0.065"(1.65)
1"(25.4)	0.065"(1.65)
1.5"(38.1)	0.065"(1.65)
2"(50.8)	0.065"(1.65)
2.5"(63.5)	0.065"(1.65)
3"(76.2)	0.065"(1.65)
4"(101.6)	0.083"(2.11)
6"(152.4)	0.109"(2.77)

Finish Code Product Code	Specifications	Pre-Materials	Surface Roughness (Max)		
			ID	< 20 RA	< 0.5 µm
MP F3A-112	SA249/A269/A270	304L 316L	OD	< 32 RA	< 0.8 µm

High-Purity 3A Certified Tube for Lithium Ion Battery Slurry Transfer System

CREST S3A SKS Sanitary Tube Products

Finish Code Product Code	Specifications	Pre-Materials	Surface Roughness (Max)		
			ID	< 20 RA	< 0.5 µm
MP S3A-112 SKS-112	SA249/A269/A270-2 KS D3585	304L 304 316L	OD	< 32 RA	< 0.8 µm

are manufactured as welded-as-seam-less (WSL) according to the latest edition of KS D3585 and ASTM A270 servicing electric vehicle industries servicing lithium ion battery manufacturers which require slurry transfer



Dimension	
OD [inch/mm]	WT [inch/mm]
1/2"(12.7)	0.065"(1.65)
3/4"(19.05)	0.065"(1.65)
1"(25.4)	0.065"(1.65)
1.5"(38.1)	0.065"(1.65)
2"(50.8)	0.065"(1.65)
2.5"(63.5)	0.065"(1.65)
3"(76.2)	0.065"(1.65)
4"(101.6)	0.083"(2.11)
6"(152.4)	0.109"(2.77)
1S (25.4)	0.047"(1.2)
1.5S (38.1)	0.047"(1.2)
2S (50.8)	0.059"(1.5)
2.5S (63.5)	0.059"(1.5)
3S (76.2)	0.079"(2.0)
4S (101.6)	0.079"(2.0)