Welded Tube Fueling Growth, Shaping Futures

CASING TECHNICAL DATA SHEET 7 x 0.362 HCP110 Long Round

Reviewed by: Sr. Quality Engineer Approved by: Corporate Director-QEHS

Nominal Outside Diameter in 7,000 177.80 rr Nominal Wall Thickness in 0.362 9.19 rr Remaining Body Wall (RBW) 95.0% 95.0% Type of Thread 10.0362 9.19 rr Grade 26.00 26.00 Label Weight 26.00 26.00 Pipe Minimum Yield ksi 110 T78.80 rr Pipe Minimum Tensile ksi 110 788 M Pipe Minimum Tensile ksi 1125 662 M Standard Drift Diameter (min) in 6.151 1156.24 rr Pipe Body Plain End Yield 1b 830,000 376,480 k Pipe Body Plain End Yield 1b 830,000 376,480 k Pipe Body Plain End Yield psi 7,540 51,990 k Collapse Pressure - Standard psi 7,840 51,990 k Coupling Minimum Tield ksi 110 788 M Coupling Minimum Tield ksi 130 886 M Coupling Minimum Tensile ksi 130	TDS Date (MM/DD/YY)	9/2/24				
Nominal Wall Thickness in 0.362 9.19 m Remaining Body Wall (RBW) 95.0% 95.0% 95.0% Orgen of Thread Long Round Long Round HCP110 HCP110 Grade 26.00 26.00 26.00 26.00 Plain End Weight 10 HCP110 HCP110 HCP110 Plain End Weight 10 75.80 38.21 k ksi 110 75.80 Pipe Minimum Yield ksi 110 75.81 110 75.81 Standard Drift Diameter (min) in 6.151 156.24 m 115.624 m Standard Drift Diameter (min) in 6.226 158.14 m 16 Standard Drift Diameter (min) in 6.226 158.14 m 16 Sollapse Pressure - Standard psi 10.810 74.530 k Collapse Pressure - Standard psi 7.540 51.990 k Coupling Minimum Yield ksi 110 758 M Coupling Minimum Yield ksi 125 <t< th=""><th>PIPE BODY DATA</th><th></th><th>Unit</th><th>Imperial</th><th>Metric</th></t<>	PIPE BODY DATA		Unit	Imperial	Metric	
Remaining Body Wall (RBW) 95.0% 95.0% Type of Thread Long Round Long Round Grade HCP110 HCP110 Label Weight 26.00 26.00 Plain End Weight Ib/ft 25.69 38.21 k Pipe Minimum Yield ksi 110 778 M Pipe Minimum Tensile ksi 125 862 M Standard Drift Diameter (min) in 6.151 156.24 m Alternate Drift Diameter (min) in 6.226 158.14 m Pipe Body Internal Yield psi 10.800 376,480 k Pipe Body Internal Yield psi 10.810 74,530 k Collapse Pressure - Standard psi 10.810 74,530 k Coupling Minimum Yield ksi 110 758 M Coupling Minimum Yield ksi 110 758 M Coupling Minimum Yield ksi 125 862 M Coupling Minimum Yield ksi 125 862 M Coupling Or Joint Outside Diameter (nom) in 7.875	Nominal Outside Diameter		in	7.000	177.80	
Impe of Thread Long Round Long Round Grade HCP110 HCP110 HCP110 Label Weight 26.00 26.00 26.00 Plain End Weight Ib/ft 25.69 38.21 kg Pipe Minimum Yield ksi 110 758 M Pipe Minimum Yield ksi 125 862 M Standard Drift Diameter (min) in 6.151 156.24 m Atternate Drift Diameter (min) in 6.226 158.14 m Pipe Body Plain End Yield psi 10,810 74.4530 K8 Collapse Pressure - Standard psi 10,810 74.4530 K8 Collapse Pressure - High psi 10,810 758 M Coupling Minimum Yield ksi 110 758 M Coupling Minimum Tensile ksi 110 758 M Coupling Minimum Yield ksi 125 862 M Coupling Minimum Tensile ksi 125 8	Nominal Wall Thickness		in	0.362	9.19	
Grade HCP110 HCP110 Label Weight 26.00 26.00 Plain End Weight 1b/ft 25.69 38.21 ks Pipe Mainimum Yield ksi 110 758 M Pipe Mainimum Yield ksi 110 758 M Pipe Mainimum Tensile ksi 125 862 M Standard Drift Diameter (min) in 6.151 156.24 m Pipe Body Plain End Yield b 830,000 376,480 kg Pipe Body Plain End Yield psi 10.810 74,453 k Collapse Pressure - Standard psi 0.104 N/A N/A Coupling Minimum Yield ksi 110 758 M Coupling Minimum Yield ksi 130 896 M Coupling Or Joint Outside Diameter (nom) in 7.875 200.03 m Coupling or Joint Outside Diameter (nom) in 7.875 200.03 m Coupling Or Joint Outside Diameter (nom) in	Remaining Body Wall (RBW)			95.0%	95.0%	
Label Weight 26.00 26.00 26.00 Plain End Weight lb/ft 25.69 38.21 k, Pipe Minimum Yield ksi 110 758 M Pipe Minimum Yield ksi 140 965 M Pipe Minimum Tensile ksi 125 862 M Standard Drift Diameter (min) in 6.151 156.24 m Alternate Drift Diameter (min) in 6.226 158.14 m Pipe Body Plain End Yield b 830.000 376,480 k Collapse Pressure - Standard psi N/A N/A K/A Collapse Pressure - Standard psi 7,540 51,990 k Coupling Minimum Tensile ksi 110 758 M Coupling Minimum Tensile ksi 110 758 M Coupling Minimum Tensile ksi 110 758 M Coupling Minimum Tensile ksi 125 862 M M Cou	Type of Thread			Long Round	Long Round	
Plain End Weight lb/ft 25.69 38.21 k; Pipe Minimum Yield ksi 110 758 Pipe Minimum Tensile ksi 140 965 Standard Drift Diameter (min) in 6.151 156.24 rr. Alternate Drift Diameter (min) in 6.226 158.14 rr. Pipe Body Plain End Yield psi 10.830.000 376,480 kg Collapse Pressure - Standard psi 0.74,530 k Collapse Pressure - High psi 7,540 51.990 k Coupling Minimum Yield ksi 110 768 M Coupling Miximum Yield ksi 110 768 M Coupling Miximum Yield ksi 130 896 M Coupling Minimum Tensile ksi 130 896 M Coupling Minimum Yield ksi 125 862 M Coupling Or Joint Outside Diameter (nom) in 7.875 200.03 nr Coupling Guing Unitorum Tensile ksi 125 862 M Pipe Thread Fr	Grade			HCP110	HCP110	
Pipe Mainmum Yield ksi 110 758 M Pipe Mainmum Yield ksi 140 965 M Pipe Mainmum Tensile ksi 125 862 M Standard Drift Diameter (min) in 6.151 156.24 m Alternate Drift Diameter (min) in 6.226 158.14 m Pipe Body Plain End Yield lb 830,000 376,480 kg Pipe Body Plain End Yield psi 10,810 74,530 kc Collapse Pressure - Standard psi N/A N/A kc Collapse Pressure - High psi 7,540 51,990 kc Coupling Minimum Yield ksi 110 758 M Coupling Maximum Yield ksi 125 862 M Coupling or Joint Outside Diameter (nom) in 7.875 200.03 m Coupling Thread Fracture Strength lb 712,000 683,560 kg Pipe Thread Fracture Strength lb 61930 9.400 N Coupling Internal Yield psi 15.410 1	Label Weight			26.00	26.00	
Pripe Maximum Yield ksi 140 965 M Pipe Minimum Tensile ksi 125 862 M Standard Drift Diameter (min) in 6.151 156.24 m Alternate Drift Diameter (min) in 6.226 158.14 m Pipe Body Plain End Yield Ib 830,000 376,480 kg Pipe Body Internal Yield psi 10,810 74,530 k Collapse Pressure - Standard psi N/A N/A K/A Collapse Pressure - High psi 7,540 51,990 k Coupling Minimum Yield ksi 110 758 M Coupling Minimum Tensile ksi 110 758 M Coupling Minimum Tensile ksi 125 862 M Coupling Minimum Tensile ksi 125 862 M Coupling Thread Fracture Strength Ib 1,507,000 683,560 k Pipe Thread Fracture Strength Ib 693,000 314,340	Plain End Weight		lb/ft	25.69	38.21	
Pripe Minimum Tensile ksi 125 862 M Standard Drift Diameter (min) in 6.151 156.24 m Alternate Drift Diameter (min) in 6.151 156.24 m Pipe Body Plain End Yield lb 830,000 376,480 kg Pipe Body Internal Yield psi 10,810 74,530 k Collapse Pressure - Standard psi N/A N/A k Collapse Pressure - High psi 7,540 51,990 k Coupling Minimum Yield ksi 110 758 M Coupling Minimum Tensile ksi 125 862 M Coupling or Joint Outside Diameter (nom) in 7.875 200.03 m Coupling Thread Fracture Strength lb 1,507,000 683,560 k Pipe Thread Fracture Strength lb 693,000 314,340 k Nominal Make-Up Torque or Make-up Torque Range ft-lb 6,930 9,400 N Coupling Internal Yield psi <td>Pipe Minimum Yield</td> <td></td> <td>ksi</td> <td>110</td> <td>758</td>	Pipe Minimum Yield		ksi	110	758	
Standard Drift Diameter (min)in6.151156.24mAlternate Drift Diameter (min)in6.226158.14mPipe Body Plain End Yieldlb830,000376,480kPipe Body Internal Yieldpsi10,81074,530kCollapse Pressure - StandardpsiN/AN/AK/ACollapse Pressure - Highpsi7,54051,990kConnection DATACoupling Minimum Yieldksi110758MCoupling Maximum Yieldksi130896MCoupling Maximum Yieldksi125862MCoupling or Joint Outside Diameter (nom)in7.875200.03mCoupling Thread Fracture Strengthlb1,507,000683,560kPipe Thread Fracture Strengthlb6,9309,400NNominal Make-Up Torque or Make-up Torque Rangeft-lb6,9309,400NCoupling Internal Yieldpsi15,410106,250kWELDED TUBE GENERAL INPUT CRITERIACoupling Color CodeWhiteCoupling None	Pipe Maximum Yield		ksi	140	965	
Alternate Drift Diameter (min) in 6.226 158.14 m Pipe Body Plain End Yield b 830,000 376,480 k Pipe Body Internal Yield psi 10,810 74,530 k Collapse Pressure - Standard psi N/A N/A k Collapse Pressure - High psi 7,540 51,990 k Coupling Minimum Yield ksi 110 758 M Coupling Maximum Yield ksi 110 758 M Coupling Minimum Tensile ksi 125 862 M Coupling Mread Fracture Strength lb 1,507,000 683,560 k Pipe Thread Fracture Strength lb 6,930 9,440 N Nominal Make-Up Torque or Make-up Torque Range ft-lb 6,930 9,440 N Coupling Internal Yield psi 15,410 106,250 k Internal Yield of Joint psi 15,410 106,250 k WELDED TUBE GENERAL INPUT CRITERIA psi 10,810 74,530 k Coupling Color Code White <td>Pipe Minimum Tensile</td> <td></td> <td>ksi</td> <td>125</td> <td>862</td>	Pipe Minimum Tensile		ksi	125	862	
Pipe Body Plain End YieldIb830,000376,480kPipe Body Internal Yieldpsi10,81074,530kCollapse Pressure - StandardpsiN/AN/AKCollapse Pressure - Highpsi7,54051,990kCONNECTION DATACoupling Minimum Yieldksi110758MCoupling Minimum Yieldksi110758MCoupling Minimum Tensileksi125862MCoupling or Joint Outside Diameter (nom)in7.875200.03mCoupling Thread Fracture StrengthIb1,507,000683,560kPipe Thread Fracture StrengthIb6930,000314,340kNominal Make-Up Torque or Make-up Torque Rangeft-lb6,9309,400NCoupling Internal Yield of Jointpsi15,410106,250kWELDED TUBE GENERAL INPUT CRITERIACoupling Color CodeWhiteCoupling Color CodeWhite	Standard Drift Diameter (min)		in	6.151	156.24	
Pipe Body Internal Yieldpsi10,81074,530kCollapse Pressure - StandardpsiN/AN/ACollapse Pressure - Highpsi7,54051,990CONNECTION DATACoupling Minimum Yieldksi110758Coupling Minimum Yieldksi110758Coupling Minimum Tensileksi110768Coupling or Joint Outside Diameter (nom)in7.875200.03Coupling Thread Fracture Strengthlb1,507,000683,560Pipe Thread Fracture Strengthlb693,000314,340Vull Out Strengthlb693,000314,340Vull Out Strengthlb6,9339,400Nominal Make-Up Torque or Make-up Torque Rangeft-lb6,9339,400Coupling Internal Yieldpsi10,81074,530kWELDED TUBE GENERAL INPUT CRITERIACoupling Color CodeWhiteCoupling Color CodeWhite	Alternate Drift Diameter (min)		in	6.226	158.14	
Collapse Pressure - StandardpsiN/AN/AN/AkCollapse Pressure - Highpsi7,54051,990kCONNECTION DATACoupling Minimum Yieldksi110758MCoupling Maximum Yieldksi130896MCoupling Minimum Tensileksi125862MCoupling or Joint Outside Diameter (nom)in7.875200.03mCoupling Thread Fracture StrengthIb1,507,000683,560kPipe Thread Fracture StrengthIb712,000322,960kPull Out StrengthIb6,9309,400NCoupling Internal Yieldpsi15,410106,250kInternal Yield of Jointpsi10,81074,530kWELDED TUBE GENERAL INPUT CRITERIACoupling Color CodeWhiteMiteCoupling Color CodeWhiteNoneNone	Pipe Body Plain End Yield		lb	830,000	376,480	
Collapse Pressure - Highpsi7,54051,990kCONNECTION DATACoupling Minimum Yieldksi110758MCoupling Maximum Yieldksi130896MCoupling Maximum Tensileksi125862MCoupling or Joint Outside Diameter (nom)in7.875200.03mCoupling Thread Fracture Strengthlb1,507,000683,560kPipe Thread Fracture Strengthlb712,000322,960kPull Out Strengthlb693,000314,340kNominal Make-Up Torque or Make-up Torque Rangeft-lb6,9309,400NCoupling Internal Yieldpsi15,410106,250kInternal Yield of Jointpsi10,81074,530kWELDED TUBE GENERAL INPUT CRITERIACoupling Color CodeWhiteCoupling Color CodeNone	Pipe Body Internal Yield		psi	10,810	74,530	
CONNECTION DATACoupling Minimum YieldksiCoupling Minimum YieldksiCoupling Maximum YieldksiCoupling Minimum TensileksiCoupling Minimum TensileksiCoupling or Joint Outside Diameter (nom)inCoupling Thread Fracture StrengthbPipe Thread Fracture StrengthbPull Out StrengthbRominal Make-Up Torque or Make-up Torque Rangeft-lbCoupling Internal YieldpsiInternal Yield of JointpsiMELDED TUBE GENERAL INPUT CRITERIACoupling Color CodeWhiteCoupling Color CodeNone	Collapse Pressure - Standard		psi	N/A	N/A	
Coupling Minimum Yieldksi110758MCoupling Maximum Yieldksi130896MCoupling Minimum Tensileksi125862MCoupling or Joint Outside Diameter (nom)in7.875200.03mCoupling Thread Fracture Strengthlb1,507,000683,560kPipe Thread Fracture Strengthlb712,000322,960kPull Out Strengthlb693,000314,340kNominal Make-Up Torque or Make-up Torque Rangeft-lb6,9309,400NCoupling Internal Yieldpsi15,410106,250kInternal Yield of Jointpsi10,81074,530kWELDED TUBE GENERAL INPUT CRITERIACoupling Color CodeWhiteCoupling Color CodeWhiteCoupling Color Code for the BandNone	Collapse Pressure - High		psi	7,540	51,990	
Coupling Maximum Yieldksi130896MCoupling Minimum Tensileksi125862MCoupling or Joint Outside Diameter (nom)in7.875200.03mCoupling Thread Fracture Strengthlb1,507,000683,560kgPipe Thread Fracture Strengthlb712,000322,960kgPull Out Strengthlb693,000314,340kgNominal Make-Up Torque or Make-up Torque Rangeft-lb6,9309,400NCoupling Internal Yieldpsi15,410106,250kgInternal Yield of Jointpsi10,81074,530kgWELDED TUBE GENERAL INPUT CRITERIACoupling Color CodeWhiteCoupling Color CodeNone	CONNECTION DATA					
Coupling Minimum Tensileksi125862MCoupling or Joint Outside Diameter (nom)in7.875200.03mCoupling Thread Fracture Strengthlb1,507,000683,560kPipe Thread Fracture Strengthlb712,000322,960kPull Out Strengthlb693,000314,340kNominal Make-Up Torque or Make-up Torque Rangeft-lb6,9309,400NCoupling Internal Yieldpsi15,410106,250kInternal Yield of Jointpsi10,81074,530kWELDED TUBE GENERAL INPUT CRITERIACoupling Color CodeWhiteCoupling Color CodeNone	Coupling Minimum Yield		ksi	110	758	
Coupling or Joint Outside Diameter (nom)in7.875200.03mCoupling Thread Fracture Strengthlb1,507,000683,560kgPipe Thread Fracture Strengthlb712,000322,960kgPull Out Strengthlb693,000314,340kgNominal Make-Up Torque or Make-up Torque Rangeft-lb6,9309,400NCoupling Internal Yieldpsi15,410106,250kgInternal Yield of Jointpsi10,81074,530kgWELDED TUBE GENERAL INPUT CRITERIACoupling Color CodeWhiteCoupling Color CodeNone	Coupling Maximum Yield		ksi	130	896	
Coupling Thread Fracture Strengthlb1,507,000683,560kPipe Thread Fracture Strengthlb712,000322,960kPull Out Strengthlb693,000314,340kNominal Make-Up Torque or Make-up Torque Rangeft-lb6,9309,400NCoupling Internal Yieldpsi15,410106,250kInternal Yield of Jointpsi10,81074,530kWELDED TUBE GENERAL INPUT CRITERIACoupling Color CodeWhiteCoupling Color Code for the BandNone	Coupling Minimum Tensile		ksi	125	862	
Pipe Thread Fracture Strength Ib 712,000 322,960 k Pull Out Strength Ib 693,000 314,340 k Nominal Make-Up Torque or Make-up Torque Range ft-Ib 6,930 9,400 N Coupling Internal Yield Internal Yield of Joint psi 15,410 106,250 k Internal Yield of Joint 9i 10,810 74,530 k WELDED TUBE GENERAL INPUT CRITERIA Coupling Color Code White Coupling Color Code None	Coupling or Joint Outside Diameter (nom)		in	7.875	200.03	
Ull Out StrengthIb693,000314,340Nominal Make-Up Torque or Make-up Torque Rangeft-lb6,9309,400Coupling Internal Yieldpsi15,410106,250Internal Yield of Jointpsi10,81074,530WELDED TUBE GENERAL INPUT CRITERIACoupling Color CodeWhiteCoupling Color Code for the BandNone	Coupling Thread Fracture Strength		lb	1,507,000	683,560	
Nominal Make-Up Torque or Make-up Torque Range ft-lb 6,930 9,400 N Coupling Internal Yield psi 15,410 106,250 k Internal Yield of Joint psi 10,810 74,530 k WELDED TUBE GENERAL INPUT CRITERIA Coupling Color Code White Coupling Color Code for the Band None	Pipe Thread Fracture Strength		lb	712,000	322,960	
Coupling Internal Yield psi 15,410 106,250 k Internal Yield of Joint psi 10,810 74,530 k WELDED TUBE GENERAL INPUT CRITERIA Coupling Color Code White Coupling Color Code for the Band None	Pull Out Strength		lb	693,000	314,340	
Internal Yield of Joint psi 10,810 74,530 k WELDED TUBE GENERAL INPUT CRITERIA Coupling Color Code White Coupling Color Code None	Nominal Make-Up Torque or Make-up Torq	ue Range	ft-lb	6,930	9,400	
WELDED TUBE GENERAL INPUT CRITERIA Coupling Color Code Coupling Color Code for the Band	Coupling Internal Yield		psi	15,410	106,250	
Coupling Color Code White Coupling Color Code for the Band None	Internal Yield of Joint		psi	10,810	74,530	
Coupling Color Code for the Band None	WELDED TUBE GENERAL INPUT CRITER	<u>RIA</u>				
	Coupling Color Code			White		
Pipe Color Code Identification 2" Band(s) One White	Coupling Color Code for the Band			None		
	Pipe Color Code Identification		2" Band(s)	One White		

Pipe Color Code Identification Additional Color Band (approx.10' from box end)

	White		
	None		
2" Band(s)	One White		
	Blue		

Note:

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