|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | Equal Tee 42" | Equal Tee with lattice 42" (Ø1067 mm), PN10 MPa, wall thickness 19.1 mm, 3-layer polymer insulation, dimensions: not less than 1640х1495 mm, material: WPHY-70, standard: MSS-SP75-2004, welded to pipe Ø1067\*19.1 mm API 5L Х70 | Pc | 3 |
| 2 | Reducing Tee 42"x32" | Reducing Tee with lattice 42"х32" (Ø1067x813 mm), PN10 MPa, wall thickness 19.1x17.4 mm, 3-layer polymer insulation, dimensions: not less than 1500х1455 mm, material: WPHY-70, standard: MSS-SP-75-2004, welded to pipe Ø1067\*19.1 mm API 5L Х70 and Ø813\*17.4 mm API 5L Х60 | Pc | 3 |
| 3 | Reducing Tee 42"x12" | Reducing Tee with lattice 42"x12" (Ø1067x323.9 mm), PN10 MPa, wall thickness 19.1х11.1 mm, 3-layer polymer insulation, dimensions: not less than 820х1395 mm, welding connection, material: WPHY-70, standard: MSS-SP-75-2004, welded to pipe Ø1067\*19.1 mm API 5L Х70 and Ø323.9\*11.1 mm API 5L Gr.B | Pc | 3 |
| 4 | Reducing Tee 32"х12" | Reducing Tee with lattice 32"х12" (Ø813x323.9 mm), PN10 MPa, wall thickness 17.4х11.1 mm, 3-layer polymer insulation, material: WPHY-70, standard MSS-SP-75-2004, welded to pipe Ø813\*15.9 mm API 5L Х70 and Ø323.9\*11.1 mm API 5L Gr.B | Pc | 1 |
| 5 | Equal Tee 12" | Equal Tee without lattice 12" (Ø323.9 mm), PN10 MPa, wall thickness XS, 3-layer polymer insulation, material: A234 WPB, standard: ASME B16.9, welded to pipe Ø323.9\*11.1 mm API 5L Gr.B | Pc | 3 |
| 6 | Reducing Tee 12"х6" | Reducing Tee without lattice 12"х6" (Ø323.9x168.3 mm), PN10 MPa, wall thickness XS, 3-layer polymer insulation, material: A234 WPB, standard: ASME B16.9, welded to pipe Ø323.9\*11.1 mm API 5L Gr.B and Ø168.3\*6.4 mm API 5L Gr.B | Pc | 3 |
| 7 | Equal Tee 6" | Equal Tee without lattice 6" (Ø168.3 mm), PN10 MPa, wall thickness XS, 3-layer polymer insulation, material: A234 WPB, standard: ASME B16.9, welded to pipe Ø168.3\*6.4 mm API 5L Gr.B | Pc | 3 |
| 8 | Equal Tee 4" | Equal Tee without lattice 4" (Ø114.3 mm), PN10 MPa, wall thickness SCH.80, without insulation, material: A234 WPB, standard: ASME B16.9, welded to pipe Ø114.3\*4.8 mm API 5L Gr.B | Pc | 3 |
| 9 | Reducing Tee 2"х1/2" | Reducing Tee without lattice 2"х1/2" (Ø60.3x21.3 mm), PN10 MPa, wall thickness SCH.80, without insulation, material: A234 WPB, standard: ASME B16.9, welded to pipe Ø60.3\*4.8 mm API 5L Gr.B and Ø21.3\*3.73 mm API 5L Gr.B | Pc | 1 |
| 10 | Elbow 90º, 32" | Elbow 90º, 32" (Ø813 mm), PN10 MPa, grade/wall thickness 15.9 mm, 3-layer polymer insulation, R=1.5D, material: WPHY-70, standard: MSS SP-75, welded to pipe Ø813\*15.9 API 5L X70 | Pc | 3 |
| 11 | Elbow 90º, 12" | Elbow 90º, 12" (Ø323.9 mm), PN10 MPa, grade/wall thickness: XS, 3-layer polymer insulation, R=1.5D, material: A234WPB, standard: ASME B16.9, welded to pipe 323\*11.1 API 5L Gr.B | Pc | 4 |
| 12 | Elbow 90º, 6" | Elbow 90º, 6" (Ø168.3 mm), PN10 MPa, grade/wall thickness SСН.40, 3-layer polymer insulation, R=1.5D, material: A234WPB, standard: ASME B16.9, welded to pipe Ø168.3\*6.4 API 5L Gr.B | Pc | 4 |
| 13 | Elbow 90º, 4" | Elbow 90º, 4" (Ø114.3 mm), PN10 MPa, grade/wall thickness SСН.40, without insulation, R=1.5D, material: A234WPB, standard: ASME B16.9, welded to pipe Ø114.3\*4.8 API 5L Gr.B | Pc | 4 |
| 14 | Elbow 90º, 2" | Elbow 90º, 2" (Ø60.3 mm), PN10 MPa, grade/wall thickness SСН.80, without insulation, R=1.5D, material: A234WPB, standard: ASME B16.9, welded to pipe Ø60.3\*4.8 API 5L Gr.B | Pc | 4 |
| 15 | Elbow 90º, 1/2" | Elbow 90º, 1/2" (Ø21.3 mm), PN10 MPa, grade/wall thickness SСН.80, without insulation, R=1.5D, material: A234WPB, standard: ASME B16.9, welded to pipe 21.3\*3.73 API 5L Gr.B | Pc | 4 |
| 16 | Elbow 45º, 12" | Elbow 45º, 12" (Ø323.9 mm), PN10 MPa, grade/wall thickness XS, 3-layer polymer insulation, R=1.5D, material: A234WPB, standard: ASME B16.9, welded to pipe Ø323\*11.1 API 5L Gr.B | Pc | 4 |
| 17 | Elbow 30º, 42" | Elbow 30º, 42" (Ø1067 mm), PN10 MPa, grade/wall thickness 19.1 mm, 3-layer polymer insulation, R=6D, material: WPHY-70, standard: MSS-SP75, welded to pipe Ø1067\*19.1 API 5L Х70 | Pc | 3 |
| 18 | Butt welding sleeve 42"x6" | Sleeve (Veldolet) 42"х6" (Ø1067х168.3mm), PN10 MPa, grade/wall thickness XS, material: A105N, standard: MSS-SP97, welded to pipe Ø1067\*19.1 API 5L Х70 and Ø168,3\*6,4 API 5L Gr.B, without insulation | Pc | 1 |
| 19 | Butt welding sleeve 42"x4" | Sleeve (Veldolet) 42"х4" (Ø1068х114.3mm), PN10 MPa, grade/wall thickness XS, material: A105N, standard: MSS-SP97, welded to pipe Ø1067\*19.1 API 5L Х70 and Ø114.3\*4.8 API 5L Gr.B, without insulation | Pc | 1 |
| 20 | Butt welding sleeve 42"x2" | Sleeve (Veldolet) 42"х2" (Ø1067х60.3mm), PN10 MPa, grade/wall thickness XS, material: A105N, standard: MSS-SP97, welded to pipe Ø1067\*19.1 API 5L Х70 and Ø60.3\*4.8 API 5L Gr.B, without insulation | Pc | 1 |
| 21 | Butt welding sleeve 32"x6" | Sleeve (Veldolet) 32"х6" (Ø813х168.3mm), PN10 MPa, grade/wall thickness XS, material: A105N, standard: MSS-SP97, welded to pipe Ø813\*15.9 API 5L X70 and Ø168.3\*6.4 API 5L Gr.B, without insulation | Pc | 1 |
| 22 | Butt welding sleeve 12"x4" | Sleeve (Veldolet) 12"х4" (Ø323.9х114.3mm), PN10 MPa, grade/wall thickness XS, material: A105N, standard: MSS-SP97, welded to pipe Ø323\*11.1 API 5L Gr.B and Ø114.3\*4.8 API 5L Gr.B, without insulation | Pc | 1 |
| 23 | Butt welding sleeve 12"x2" | Sleeve (Veldolet) 12"х2" (Ø323.9х60.3mm), PN10 MPa, grade/wall thickness XS, material: A105N, standard: MSS-SP97, welded to pipe Ø323.9\*11.1 API 5L Gr.B and Ø60.3\*4.8 API 5L Gr.B, without insulation | Pc | 1 |
| 24 | Butt welding sleeve 12"x1" | Sleeve (Veldolet) 12"х1" (Ø323.9х33.4mm), PN10 MPa, grade/wall thickness XS, material: A105N, standard: MSS-SP97, welded to pipe Ø323.9\*11.1 API 5L Gr.B and Ø33.4\*4.5 API 5L Gr.B, without insulation | Pc | 1 |
| 25 | Flange collar 4" | Flange collar 4" (Ø114.3 mm), grade/wall thickness SCH.80, with counter flange, material: A105N, standard: ASME B16.5, complete with fixing material, welded to pipe Ø114.3\*4.8 API 5L Gr.B | Pc | 2 |
| 26 | Flange collar 3" | Flange collar 3" (Ø88.9 mm), grade/wall thickness SCH.80, with counter flange, material: A105N, standard: ASME B16.5, complete with fixing material, welded to pipe Ø88.9\*4.8 API 5L Gr.B | Pc | 2 |
| 27 | Flange collar 2" | Flange collar 2" (Ø60.3 mm), grade/wall thickness SCH.80, with counter flange, material: A105N, standard: ASME B16.5, complete with fixing material, welded to pipe 60.3\*4.8 API 5L Gr.B | Pc | 2 |
| 28 | Flange collar 1" | Flange collar 1" (Ø33.4 mm), grade/wall thickness SCH.80, with counter flange, material: A105N, standard: ASME B16.5, complete with fixing material, welded to pipe Ø33.4\*4.5 API 5L Gr.B | Pc | 2 |
| 1 | Elbow 90º, 48" | Elbow 90º, 48" (Ø1219 mm), PN10 MPa, grade/wall thickness 27 mm, 3-layer polymer insulation, R=1.5D, material: WPHY-80, standard: MSS SP-75-2004, welded to pipe Ø1219\*27 mm API 5L X80 | Pc | 3 |
| 2 | Elbow 90º, 48" | Elbow 90º, 48" (Ø1219 mm), PN10 MPa, grade/wall thickness 27 mm, 3-layer polymer insulation, R=5D, material: WPHY-80, standard: MSS SP-75-2004, welded to pipe Ø1219\*27 mm API 5L X80 |  | 3 |
| 3 | Elbow 90º, 36" | Elbow 90º, 36" (Ø914 mm), PN10 MPa, grade/wall thickness 19.1 mm, 3-layer polymer insulation, R=1.5D, material: WPHY-60, standard: MSS SP-75, welded to pipe Ø914\*19.1 API 5L X60 | Pc | 1 |
| 4 | Elbow 90º, 32" | Elbow 90º, 32" (Ø813 mm), PN10 MPa, grade/wall thickness 17.5 mm, 3-layer polymer insulation, R=1.5D, material: WPHY-70, standard: MSS SP-75, welded to pipe Ø813\*17.5 API 5L X70 | Pc | 1 |
| 5 | Elbow 90º, 20"Elbow 90º, 20"Elbow 90º, 20"Elbow 90º, 20" | Elbow 90º, 20" (Ø508 mm), PN10 MPa, wall thickness 11.1mm, 3-layer polymer insulation, R=1.5D, material: WPHY-60, standard: MSS SP-75, welded to pipe Ø508\*11.1 API 5L X60 | Pc | 2 |
| 6 | Elbow 90º, 16" | Elbow 90º, 16" (Ø406.4 mm), PN10 MPa, grade/wall thickness: 9.5, 3-layer polymer insulation, R=1.5D, material: WPHY-60, standard: MSS SP-75, welded to pipe Ø406.4\*9.5 API 5L Х60 | Pc | 2 |
| 7 | Elbow 45º, 48" | Elbow 45º, 48" (Ø1219 mm), PN10 MPa, wall thickness 27 mm, 3-layer polymer insulation, R=1.5D, material: WPHY-80, standard: MSS-SP-75, welded to pipe Ø1219\*27 API 5L X80 | Pc | 2 |
| 8 | Elbow 45º, 16" | Elbow 45º, 16" (Ø406.4 mm), PN10 MPa, wall thickness 9.5 mm, 3-layer polymer insulation, R=1.5D, material: WPHY-60, standard: MSS-SP-75, welded to pipe Ø406.4\*9.5 API 5L X60 | Pc | 2 |
| 9 | Elbow 30º, 48" | Elbow 30º, 48" (Ø1219 mm), PN10 MPa, grade/wall thickness 27 mm, 3-layer polymer insulation, R=6D, material: WPHY-80, standard: MSS SP-75-2004, welded to pipe Ø1219\*27 mm API 5L X80 | Pc | 2 |
| 10 | Elbow 90º, 12" | Elbow 90º, 12" (Ø323.9 mm), PN10 MPa, wall thickness SСН 60, 3-layer polymer insulation, R=1.5D, material: A420 WPL6, standard: ASME B16.9, welded to pipe Ø323.9\*14.27 API 5L Gr.B | Pc | 3 |
| 11 | Elbow 90º, 12" | Elbow 90º, 12" (Ø323.9 mm), PN10 MPa, wall thickness SСН XS, 3-layer polymer insulation, R=1.5D, material: A420 WPL6, standard: ASME B16.9, welded to pipe Ø323.9\*9.53 API 5L Gr.B | Pc | 3 |
| 12 | Elbow 45º, 12" | Elbow 45º, 12" (Ø323.9 mm), PN10 MPa, wall thickness SСН XS, 3-layer polymer insulation, R=1.5D, material: A420 WPL6, standard: ASME B16.9, welded to pipe Ø323.9\*9.53 API 5L Gr.B | Pc | 3 |
| 13 | Elbow 90º, 6" | Elbow 90º, 6" (Ø168.3 mm), PN10 MPa, wall thickness SСН STD, without insulation, R=1.5D, material: A420 WPL6, standard: ASME B16.9, welded to pipe Ø168.3\*5.2 API 5L Gr.B | Pc | 3 |
| 14 | Elbow 90º, 6" | Elbow 90º, 6" (Ø168.3 mm), PN10 MPa, wall thickness SСН STD, without insulation, R=1.5D, material: A420 WPL6, standard: ASME B16.9, welded to pipe Ø168.3\*5.2 API 5L Gr.B | Pc | 3 |
| 15 | Elbow 45º, 6" | Elbow 45º, 6" (Ø168.3 mm), PN10 MPa, wall thickness SСН STD, without insulation, R=1.5D, material: A420 WPL 6, standard: ASME B16.9, welded to pipe Ø168.3х5.2 mm API 5L Gr.B | Pc | 3 |
| 16 | Elbow 90º, 4" | Elbow 90º, 4" (Ø114.3 mm), PN10 MPa, wall thickness SСН STD, without insulation, R=1.5D, material: A420 WPL6, standard: ASME B16.9, welded to pipe Ø114.3\*4.8 API 5L Gr.B | Pc | 3 |
| 17 | Elbow 90º, 2" | Elbow 90º, 2" (Ø60.3 mm), PN10 MPa, wall thickness SСН XS, without insulation, R=1.5D, material: A420 WPL3, standard: ASME B16.9, welded to pipe Ø60.3\*4.8 A333 Gr.3 | Pc | 3 |
| 18 | Elbow 90º, 1" | Elbow 90º, 1" (Ø33.4 mm), PN10 MPa, wall thickness SСН XS, without insulation, R=1.5D, material: A420 WPL6, standard: ASME B16.9, welded to pipe Ø33.4\*4.55 API 5L Gr.B | Pc | 3 |
| 19 | Equal Tee 48" | Equal Tee with grating 48" (Ø1219 mm), PN10 MPa, wall thickness 20.6 mm, 3-layer polymer insulation, material: WPHY-80, standard: MSS-SP75, welded to pipe Ø1219\*20.6 mm API 5L Х80 | Pc | 2 |
| 20 | Reducing Tee 48"x36" | Reducing Tee with lattice 48"х36" (Ø1219x914 mm), PN10 MPa, wall thickness 20.6х20.6х19.1 mm, 3-layer polymer insulation, welding connection, material: WPHY-80, standard: MSS-SP-75, welded to pipe Ø1219\*20.6 mm API 5L Х80 and Ø914\*19.1 mm API 5L Х60 | Pc | 2 |
| 21 | Reducing Tee 48"x32" | Reducing Tee with lattice 48"х32" (Ø1219x813 mm), PN10 MPa, wall thickness 20.6х20.6х17.5 mm, 3-layer polymer insulation, welding connection, material: WPHY-80, standard: MSS-SP-75, welded to pipe Ø1219\*20.6 mm API 5L Х80 and Ø813\*17.5 mm API 5L Х60 | Pc | 1 |
| 22 | Reducing Tee 48"x20" | Reducing Tee with lattice 48"x20" (Ø1219x508 mm), PN10 MPa, wall thickness 20.6х20.6х11.1 mm, 3-layer polymer insulation, welding connection, material: WPHY-80, standard: MSS-SP-75, welded to pipe Ø1219\*20.6 mm API 5L Х80 and Ø508\*11.1 mm API 5L Х60 | Pc | 1 |
| 23 | Reducing Tee 48"x16" | Reducing Tee with lattice 48"х16" (Ø1219x406.4 mm), PN10 MPa, wall thickness 20.6х20.6х9.5 mm, 3-layer polymer insulation, welding connection, material: WPHY-80, standard: MSS-SP-75, welded to pipe Ø1219\*20.6 mm API 5L Х80 and Ø406.4\*9.5 mm API 5L Х60 | Pc | 2 |
| 24 | Reducing Tee 42"x32" | Reducing Tee with lattice 42"х32" (Ø1067x813 mm), PN10 MPa, wall thickness 19.1х19.1х17.5 mm, 3-layer polymer insulation, welding connection, material: WPHY-70, standard: MSS-SP-75, welded to pipe Ø1067\*19.1 mm API 5L Х70 and Ø813\*17.5 mm API 5L Х60 | Pc | 2 |
| 25 | Equal Tee 32" | Equal Tee without lattice 32" (Ø813 mm), PN10 MPa, wall thickness 17.5 mm, 3-layer polymer insulation, material: WPHY-70, standard: MSS-SP75, welded to pipe Ø813\*17.5 mm API 5L Х60 | Pc | 1 |
| 26 | Equal Tee 16" | Equal Tee without lattice 16" (Ø406.4 mm), PN10 MPa, wall thickness 9.5 mm, 3-layer polymer insulation, material: WPHY-60, standard: MSS-SP75, welded to pipe Ø406.4\*9.5 mm API 5L Х60 | Pc | 2 |
| 27 | Equal Tee 12" | Equal Tee without lattice 12" (Ø323.9 mm), PN10 MPa, wall thickness SCH 60, 3-layer polymer insulation, material: A420 WPL3, standard: ASME B16.9, welded to pipe Ø323.9\*14.27 mm A333 Gr.3 | Pc | 1 |
| 28 | Reducing Tee 12"x6" | Reducing Tee without lattice 12"х6" (Ø323.9x168.3 mm), PN10 MPa, wall thickness 14.27х6.4 mm, 3-layer polymer insulation, welding connection, material: WPHY-70, standard: MSS-SP-75, welded to pipe Ø323.9\*14.27 mm API 5L Gr.B and Ø168.3\*6.4 mm API 5L Gr.B | Pc | 1 |
| 29 | Reducing Tee 12"x6" | Reducing Tee without lattice 12"х6" (Ø323.9x168.3 mm), PN10 MPa, wall thickness 9.53х6.4 mm, 3-layer polymer insulation, welding connection, material: WPHY-70, standard: MSS-SP-75, welded to pipe Ø323.9\*9.53 mm API 5L Gr.B and Ø168.3\*6.4 mm API 5L Gr.B | Pc | 1 |
| 30 | Reducing Tee 12"x6" | Reducing Tee without lattice 12"х6" (Ø323.9x168.3 mm), PN10 MPa, wall thickness 11.1х6.4 mm, 3-layer polymer insulation, welding connection, material: WPHY-70, standard: MSS-SP-75, welded to pipe Ø323.9\*11.1 mm API 5L Gr.B and Ø168.3\*6.4 mm API 5L Gr.B | Pc | 1 |
| 31 | Equal Tee 6" | Equal Tee without lattice 6" (Ø168.3 mm), PN10 MPa, wall thickness SCH STD, without insulation, material: A420 WPL6, standard: ASME B16.9, welded to pipe Ø168.3\*5.2 mm API 5L Gr.B | Pc | 1 |
| 32 | Equal Tee 4" | Equal Tee without lattice 4" (Ø114.3 mm), PN10 MPa, wall thickness SCH STD, without insulation, material: A420 WPL6, standard: ASME B16.9, welded to pipe Ø114.3\*4.8 mm API 5L Gr.B | Pc | 1 |
| 33 | Equal Tee 2" | Equal Tee without lattice 2" (Ø60.3 mm), PN10 MPa, wall thickness SCH.XS, without insulation, material: A420 WPL6, standard: ASME B16.9, welded to pipe Ø60.3\*4.8 mm API 5L Gr.B | Pc | 2 |
| 34 | Reducing Tee 2"x1" | Reducing Tee without lattice 2"х1" (Ø60.3x33.4 mm), PN10 MPa, wall thickness 4.8х4.55 mm, without insulation, welding connection, material: A420 WPL6, standard: ASME B16.9, welded to pipe Ø60.3\*4.8 mm API 5L Gr.B and Ø33.4\*4.55 mm API 5L Gr.B | Pc | 1 |
| 35 | Reducing Tee 2"x1/2" | Reducing Tee without lattice 2"x1/2" (Ø60.3x21.3 mm), PN10 MPa, wall thickness 4.8х4.8 mm, without insulation, welding connection, material: A420 WPL6, standard: ASME B16.9, welded to pipe Ø60.3\*4.8 mm API 5L Gr.B and Ø21.3\*4.8 mm API 5L Gr.B | Pc | 1 |
| 36 | Reducing Tee 1"x1/2" | Reducing Tee without lattice 2"х1/2" (Ø33.4x21.3 mm), PN10 MPa, wall thickness SCH.XS, without insulation, material: A420 WPL6, standard: ASME B16.9, SMLS | Pc | 1 |
| 37 | Butt welding sleeve 48"x12" | Sleeve (Veldolet) 48"х12" (Ø1219х323.9 mm), PN10 MPa, grade/wall thickness SCH 60, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø1219\*20.6 API 5L X80 and Ø323.9\*14.27 A333 Gr.3, without insulation | Pc | 1 |
| 38 | Butt welding sleeve 48"x12" | Sleeve (Veldolet) 48"х12" (Ø1219х323.9 mm), PN10 MPa, grade/wall thickness SCH XS, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø1219\*20.6 API 5L X80 and Ø323.9\*9.53 A333 Gr.3, without insulation | Pc | 1 |
| 39 | Butt welding sleeve 48"x6" | Sleeve (Veldolet) 48"х6" (Ø1219х168.3 mm), PN10 MPa, grade/wall thickness SCH STD, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø1219\*20.6 API 5L X80 and Ø168.3\*5.2 API 5L Gr.B, without insulation | Pc | 1 |
| 40 | Butt welding sleeve 48"x4" | Sleeve (Veldolet) 48"х4" (Ø1219х114.3mm), PN10 MPa, grade/wall thickness SCH STD, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø1219\*20.6 API 5L X80 and Ø114.3\*4.8 API 5L Gr.B, without insulation | Pc | 1 |
| 41 | Butt welding sleeve 48"x2" | Sleeve (Veldolet) 48"х2" (Ø1219х60.3 mm), PN10 MPa, grade/wall thickness SCH XS, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø1219\*20.6 API 5L X80 and Ø60.3\*4.8 API 5L Gr.B, without insulation | Pc | 1 |
| 42 | Butt welding sleeve 48"x1" | Sleeve (Veldolet) 48"х1" (Ø1219х33.4 mm), PN10 MPa, grade/wall thickness SCH XS, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø1219\*20.6 mm API 5L X80 and Ø33.4\*4.55 mm API 5L Gr.B, without insulation | Pc | 1 |
| 43 | Butt welding sleeve 36"x6" | Sleeve (Veldolet) 36"х6" (Ø914х168.3 mm), PN10 MPa, grade/wall thickness SCH STD, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø914\*19.1 mm API 5L X60 and Ø168.3\*5.2 mm API 5L Gr.B, without insulation | Pc | 1 |
| 44 | Butt welding sleeve 36"x2" | Sleeve (Veldolet) 36"х2" (Ø914х60.3 mm), PN10 MPa, grade/wall thickness SCH XS, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø914\*19.1 mm API 5L X60 and Ø60.3\*4.8 mm API 5L Gr.B, without insulation | Pc | 1 |
| 45 | Butt welding sleeve 32"x6" | Sleeve (Veldolet) 32"х6" (Ø813х168.3 mm), PN10 MPa, grade/wall thickness SCH STD, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø813\*17.5 mm API 5L X60 and Ø168.3\*5.2 mm API 5L Gr.B, without insulation | Pc | 1 |
| 46 | Butt welding sleeve 32"x2" | Sleeve (Veldolet) 32"х2" (Ø813х60.3 mm), PN10 MPa, grade/wall thickness SCH STD, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø813\*17.5 mm API 5L X60 and Ø60.3\*4.8 mm API 5L Gr.B, without insulation | Pc | 1 |
| 47 | Butt welding sleeve 20"x4" | Sleeve (Veldolet) 20"х4" (Ø508х114.3 mm), PN10 MPa, grade/wall thickness SCH STD, материал6: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø508\*11.1 mm API 5L X60 and Ø114.3\*4.8 mm API 5L Gr.B, without insulation | Pc | 1 |
| 48 | Butt welding sleeve 16"x4" | Sleeve (Veldolet) 16"х4" (Ø406.4х114.3 mm), PN10 MPa, grade/wall thickness SCH STD, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø406.4\*9.5 mm API 5L X60 and Ø114.3\*4.8 mm API 5L Gr.B, without insulation | Pc | 1 |
| 49 | Butt welding sleeve 16"x2" | Sleeve (Veldolet) 16"х2" (Ø406.4х60.3 mm), PN10 MPa, grade/wall thickness SCH XS, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø406.4\*9.5 mm API 5L X60 and Ø60.3\*4.8 mm API 5L Gr.B, without insulation | Pc | 1 |
| 50 | Butt welding sleeve 12"x2" | Sleeve (Veldolet) 12"х2" (Ø323.9х60.3 mm), PN10 MPa, grade/wall thickness SCH XS, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø323.9\*14.27 mm A333 Gr.3 and Ø60.3\*4.8 mm API 5L Gr.B, without insulation | Pc | 1 |
| 51 | Overlap welding sleeve 12"-1/2" | Sleeve (Veldolet) socket CL 3000 in the socket 12"x1/2” (Ø323.9x21.3 mm), PN10 MPa, material: A350 LF2 CL1, standard: MSS SP-97, weled to pipe Ø21.3x3.73 mm, without insulation | Pc | 1 |
| 52 | Butt welding sleeve 4"x1" | Sleeve (Veldolet) 4"х1" (Ø114.3х33.4 mm), PN10 MPa, grade/wall thickness SCH XS, material: A350 LF2 CL1, standard: MSS-SP-97, welded to pipe Ø114.3\*4.8 mm API 5L Gr.B and Ø33.4\*4.55 mm API 5L Gr.B, without insulation | Pc | 1 |
| 53 | Overlap welding sleeve 4"-1/2" | Sleeve (Veldolet) socket CL 3000 in the socket 4"x1/2” (Ø114.3x21.3 mm), PN10 MPa, material: A350 LF2 CL1, standard: MSS SP-97, weled to pipe Ø21.3x3.73 mm, without insulation | Pc | 1 |
| 54 | Flange collar 4" | Flange collar 4" (Ø114.3 mm), grade/wall thickness SCH 80, with counter flange, material: A105N, standard: ASME B16.5, complete with fixing material, welded to pipe Ø114.3\*4.8 mm API 5L Gr.B | Pc | 3 |
| 55 | Flange collar 2" | Flange collar 2" (Ø60.3 mm), grade/wall thickness SCH.80, with counter flange, material: A105N, standard: ASME B16.5, complete with fixing material, welded to pipe Ø60.3\*4.8 mm API 5L Gr.B | Pc | 1 |
| 56 | Flange collar 1" | Flange collar 1" (Ø33.4 mm), grade/wall thickness SCH.80, with counter flange, material: A105N, standard: ASME B16.5, complete with fixing material, welded to pipe Ø33.4\*4.5 mm API 5L Gr.B | Pc | 3 |
| 57 | Flange collar with counter flange 4" | Flange collar 4" (Ø114.3 mm), CL600, RF, SCH.80, А350 LF2 CL1, ASME B16.5; complete with blind flange 4" (Ø114.3 mm), CL600, RF, А350 LF2 CL1, ASME B16.5; studs with two nuts (8 Pc.) with dielectric bushings and washers М24х125 mm, ASTM A193 B7/A194 2H ASME B18.2.1/ASME B18.2.2; dielectric strip (2 Pc.) 4" (Ø114.3 mm), CL600, RF, ASME B16.20 | Pc | 3 |
| 58 | Flange collar with counter flange 2" | Flange collar 2" (Ø60.3 mm), CL600, RF, SCH.80, А350 LF2 CL1, ASME B16.5; complete with blind flange 2" (Ø60.3 mm), CL600, RF, А350 LF2 CL1, ASME B16.5; studs with two nuts (8 Pc.) М16х110 mm, ASTM A193 B7/A194 2H ASME B18.2.1/ASME B18.2.2; spiral gasket (2 Pc.) 2" (Ø60.3 mm), CL600, RF, 4.5 mm, 304SS, 304/FG, CS, ASME B16.20 | Pc | 3 |
| 59 | Flange collar with counter flange 1" | Flange collar 1" (Ø33.4 mm), CL600, RF, SCH.80, А350 LF2 CL1, ASME B16.5; complete with blind flange 1" (Ø33.4 mm), CL600, RF, А350 LF2 CL1, ASME B16.5; studs with two nuts (4 Pc.) М16х90 mm, ASTM A193 B7/A194 2H ASME B18.2.1/ASME B18.2.2; spiral gasket (2 Pc.) 1" (Ø33.4 mm), CL600, RF, 4.5 mm, 304SS, 304/FG, CS, ASME B16.20 | Pc | 3 |