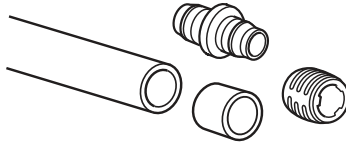
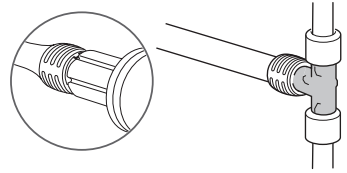
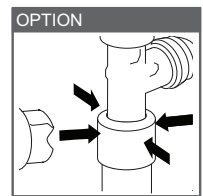
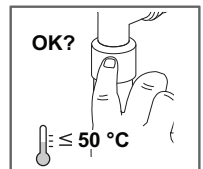
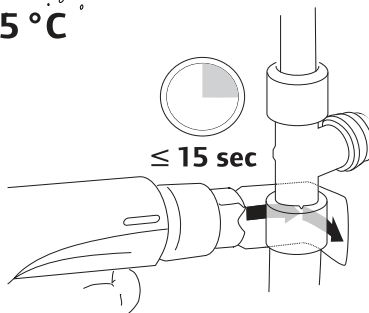
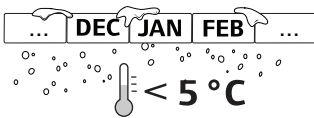
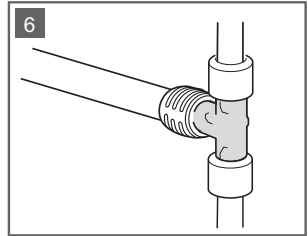
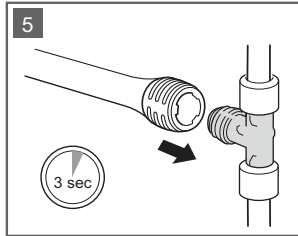
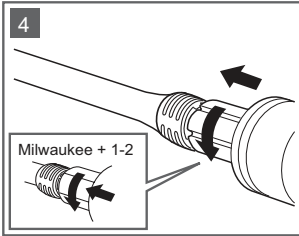
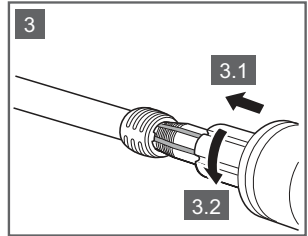
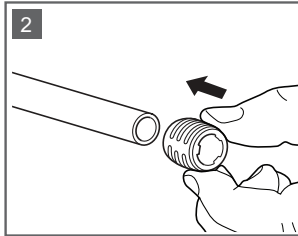
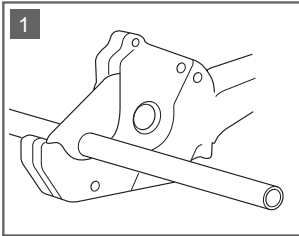


uponor

Uponor Q&E Ø 9,9-50 mm



Uponor Aqua Pipe
Uponor Combi Pipe
Uponor Comfort Pipe
Uponor Comfort Pipe PLUS
Uponor Comfort Pipe PN10
Uponor Radi Pipe





MP



 mm			 M12/M18	 M12+MP/RS		 M18+MP/RS	
6 bar				21 °C	-10 °C	21 °C	-10 °C
9,9x1,1	9,9	Q&E 9,9	RS 9,9x1,1	5	4	6	4
12x1,1	12	Q&E 12x1,1	12x1,7/1,8/2,0	7	5	9	8
14x2,0	14/15x2,5	Q&E 14	14/15x2,5	6	6	6	7
16x1,5/1,8/2,0	16	Q&E 16	RS16x1,8/2,0/2,2	4+1	4	4+1	4
17x2,0	17/18x2,5	Q&E 17	17/18x2,5	8	8	8	8
20x1,9/20x2,0	20	Q&E 20	20x1,9/2,0/2,3	5+2	6	6	6
25x2,3	25	Q&E 25	25x2,3	8+2	10	9	9
32x2,9	32	Q&E 32	32x2,9	15	16	14	14
40x3,7	40	Q&E 40	H 40x3,7*	-	-	7+1	14
10 bar				21 °C	-10 °C	21 °C	-10 °C
12x1,7	12	Q&E 12x1,1	12x1,7/1,8/2,0	5+1	5+1	4+1	5
12x2,0	12	Q&E 12x1,1	12x1,7/1,8/2,0	4+2	5+1	4+1	4+1
16x2,2	16	Q&E 16	RS16x1,8/2,0/2,2	5+4	4+1	5+4	5+1
20x2,8	20	Q&E 20	20x2,8	10	11	10-11	11
25x3,5	25	Q&E 25	25x3,5	17	18	19	19
H 32x4,4	32	Q&E 32	H32x4,4*	–	–	7+3	8+2



Fuel

 mm			 M12/M18	 M12 Fuel + MP		 M18 Fuel + MP	
6 bar				21 °C	-10 °C	21 °C	-10 °C
9,9x1,1	9,9	Q&E 9,9	9,9x1,1	5	4	6	4
12x1,1	12	Q&E 12x1,1	12x1,7/1,8/2,0	7	5	9	8
14x2,0	14/15x2,5	Q&E 14	14/15x2,5	6	6	6	7
16x1,5/1,8/2,0	16	Q&E 16	16x1,8/2,0/2,2	4+1	4	4+1	4
17x2,0	17/18x2,5	Q&E 17	17/18x2,5	8	8	8	8
20x1,9/20x2,0	20	Q&E 20	20x1,9/2,0/2,3	5+2	6	5+2	6
25x2,3	25	Q&E 25	25x2,3	8+2	10	8+2	8
32x2,9	32	Q&E 32	32x2,9	15	16	15	16

*) H = Milwaukee tool M18



Fuel

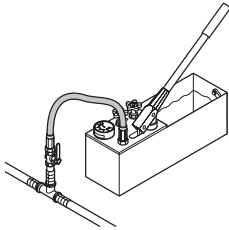
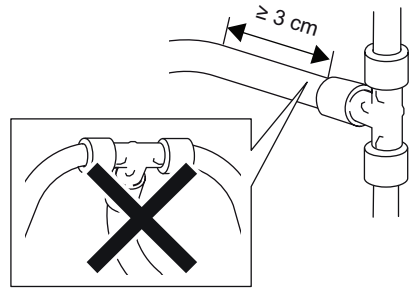
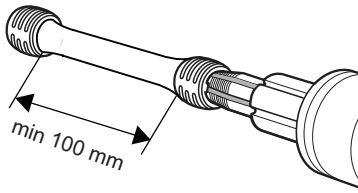
 mm			 M12/M18	 M12 Fuel + MP		 M18 Fuel + MP	
10 bar				21 °C	-10 °C	21 °C	-10 °C
12x1,7	12	Q&E 12x1,1	12x1,7/1,8/2,0	5+1	5+1	4+1	5
12x2,0	12	Q&E 12x1,1	12x1,7/1,8/2,0	4+2	5+1	4+1	4+1
16x2,2	16	Q&E 16	16x1,8/2,0/2,2	5+4	4+1	5	5+1
20x2,8	20	Q&E 20	20x2,8	10	11	8+2	8
25x3,5	25	Q&E 25	25x3,5	17	18	17	18
32x4,4	32	Q&E 32	H 32x4,4*	–	–	7+3	8+2



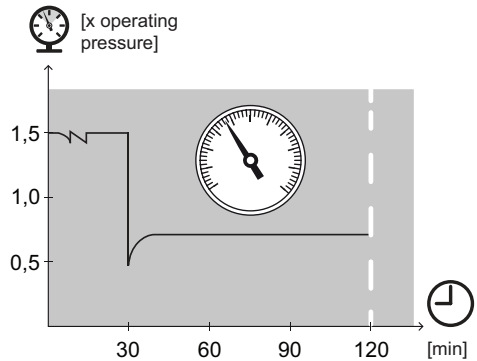
Fuel

 mm			 RS	 M12 Fuel+RS		 M18 Fuel+RS	
6 bar				21 °C	-10 °C	21 °C	-10 °C
9,9x1,1	9,9	Q&E 9,9	RS 9,9x1,1	6	4	10	6
16x1,5/1,8/2,0	16	Q&E 16	RS 16x1,8/2,0/2,2	4+1	4	4+2	5+1
20x1,9/20x2,0	20	Q&E 20	RS 20x1,9/2,0	5+5	5+1	5+4	5+1
25x2,3	25	Q&E 25	RS 25x2,3	7+7	7+1	6+2	6
32x2,9	32	Q&E 32	RS 32x2,9	10+1	11	11+1	11
40x3,7	40	Q&E 40	H 40x3,7*	-	-	8+1	9
50x4,6	50	Q&E 50	50x4,6	-	-	6	6
10 bar				21 °C	-10 °C	21 °C	-10 °C
16x2,2	16	Q&E 16	RS16x1,8/2,0/2,2	5+4	4+1	5+4	5+1
20x2,8	20	Q&E 20	RS 20x2,8	9+6	8	8+2	7
25x3,5	25	Q&E 25	RS 25x3,5	14	13	14	14
32x4,4	32	Q&E 32	H 32x4,4*	-	-	7+3	7+1
40x5,5	40	Q&E 40	H 40x5,5*	-	-	6+4	5+2
50x6,9	50	Q&E 50	50x6,9	-	-	9+2	11

*) H = Milwaukee tool M18



 °C	 h
>+10	0,25
+10 - +5	0,5
+5 - ±0	1,5
±0 - -5	3,0
-5 - -10	4,0



Milwaukee M18



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Uponor GmbH

Industriestraße 56
D-97437 Hassfurt, Germany

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