



MUFE CUPLARE

1. Standarde

- API5CT;
- API5L.

2. Folosinta

Tevi laminate la cald folosinte in productia de cuplari.

3. Dimensiuni

Conform Tab.1.

4. Tolerante

Standard	Diametru Exterior	Grosimea peretelui
API5CT	OD<114.3 ±0.79mm OD>=114.3 (+1/-0.5%)OD	in functie de contractul stabilit
API5L	OD<60.3 +0.4/-0.8mm 60.3<OD<=168.3 ±0.75% 168.3<OD<=610 ±0.75%	WT<=4 +0.6/-0.5mm 4<WT<25 +15%/-12.5%

5. Compozitia Chimicala (%)

Standard	Grad	C max.	Mn max.	Ni max.	Cu max.	P max.	S max.	Si max.
API5CT	J55	-	-	-	-	0.030	0.030	-
	N80	-	-	-	-	0.030	0.030	-
	L80	0.43	1.90	0.25	0.35	0.030	0.030	0.45
API5L	grad A	0.22	0.90	-	-	0.030	0.030	-
	grad B-PSL1	0.28	1.20	-	-	0.030	0.030	Nb+V+Ti<=0,15%
	grad B-PSL2	0.24	1.20	-	-	0.025	0.015	Nb+V+Ti<=0,15%

6. Proprietati Mecanice

Standard	Grad	Rezistenta la intindere, PSI (MPa)		Limita la cedare, PSI (MPa)		Elong, %	HRC
		min	max	min	max		
API5CT	J55	55000 (379)	80000 (552)	75000 (517)		Calculul se face conform grosimii peretelui	
	N80	80000 (552)	110000 (758)	100000 (689)			23
	L80	80000 (552)	95000 (655)	95000 (655)			
API5L	grad A	30500 (210)		48600 (335)			
	grad B-PSL1	35500 (245)		60200 (415)			
	grad B-PSL2	35500 (245)	65300 (450)	60200 (415)	110200 (760)		

7. Lengimi

Lungimi fixe 4÷8m (13.1÷26.2 ft) sau mentinute in intervalul lungimilor aleatoare;

8. Protectie

Neprotejate.

9. Marcaje

In functie de standardele impuse de client.

10. Livrare

Legaturi pana la 4000 kg (8800 lbs).

11. Raport de statie

Rapoartele de statie se fac in functie de cerintele clientului. In general sunt compatibile cu DIN 50049, EN 10204.

12. Calitate certificata:

LR, API 5CT, API 5L.

Tab.1 Dimensiuni de mufe**Upset tubing**

Indicator Marime	Diametru Exterior	
	<i>in</i>	<i>mm</i>
1 8/9	2.500	63.5
2 3/8	3.063	77.8
2 7/8	3.678	93.2
3 1/2	4.500	114.3
4	5.000	127.0
4 1/2	5.563	141.3

Nonupset tubing

Indicator Marime	Diametru Exterior	
	<i>in</i>	<i>mm</i>
2 3/8	2.875	73.0
2 7/8	3.500	88.9
3 1/2	4.250	108.0
4	4.750	120.7
4 1/2	5.200	132.1

Casing

Indicator Marime	Diametru Exterior	
	<i>in</i>	<i>mm</i>
4 1/2	5.000	127.0
5	5.563	141.3
5 1/2	6.050	153.7
6 5/8	7.390	187.7
7	7.656	194.5
7 5/8	8.500	215.9

Line Pipe

Indicator Marime	Diametru Exterior	
	<i>in</i>	<i>mm</i>
2 3/8	2.875	73.0
2 7/8	3.375	85.7
3 1/2	4.000	101.6
4	4.625	117.5
4 1/2	5.200	132.1
5 9/16	6.296	159.9
6 3/8	7.390	187.7

Nota: Grosimea peretelui in functie de cerintele clientului.