



Pt = Gewicht
De = Außendurchmesser
S = Wandstärke
 π = 3,14

$$P_t = \frac{(De - S) \cdot p \cdot S \cdot 0,785}{100}$$

		PESO IN Kg PER METRO LINEARE RELATIVO A TUBI IN ACCIAIO TRAFILATI A FREDDO DI PRECISIONE SENZA SALDATURA E SALDATI																										
		Spessore																										
Ø Ext.		0,5	0,75	1	1,25	1,5	1,75	2	2,25	2,5	2,75	3	3,25	3,5	3,75	4	4,25	4,5	4,75	5	5,5	6	6,5	7	7,5	8	8,5	9
mm	Toll.	Massa Kg/m																										
4		0,043	0,060	0,074																								
5		0,055	0,079	0,099	0,116	0,129	0,140																					
6		0,068	0,097	0,123	0,146	0,166	0,183	0,197																				
7		0,080	0,116	0,148	0,177	0,203	0,226	0,246	0,263																			
8		0,092	0,134	0,173	0,208	0,240	0,270	0,296	0,319	0,339																		
9		0,105	0,153	0,197	0,239	0,277	0,313	0,345	0,374	0,401	0,424																	
10		0,117	0,171	0,222	0,270	0,314	0,356	0,394	0,430	0,462	0,491	0,518																
11		0,129	0,189	0,246	0,300	0,351	0,399	0,444	0,485	0,524	0,559	0,592	0,621	0,647	0,670													
12		0,142	0,208	0,271	0,331	0,388	0,442	0,493	0,541	0,585	0,627	0,666	0,701	0,733	0,763	0,789												
13		0,154	0,226	0,296	0,362	0,425	0,485	0,542	0,596	0,647	0,695	0,739	0,781	0,820	0,855	0,887	0,917	0,943										
14		0,166	0,245	0,320	0,393	0,462	0,528	0,592	0,652	0,709	0,763	0,813	0,861	0,906	0,947	0,986	1,021	1,054	1,083	1,109								
15		0,179	0,263	0,345	0,424	0,499	0,572	0,641	0,707	0,770	0,830	0,887	0,941	0,992	1,040	1,085	1,126	1,165	1,200	1,232	1,288							
16		0,191	0,282	0,370	0,454	0,536	0,615	0,690	0,763	0,832	0,898	0,961	1,021	1,078	1,132	1,183	1,231	1,276	1,317	1,356	1,423	1,479						
17	± 0,10	0,203	0,300	0,394	0,485	0,573	0,658	0,739	0,818	0,894	0,966	1,035	1,102	1,165	1,225	1,282	1,336	1,387	1,434	1,479	1,559	1,627	1,682					
18		0,216	0,319	0,419	0,516	0,610	0,701	0,789	0,873	0,955	1,034	1,109	1,182	1,251	1,317	1,380	1,440	1,497	1,551	1,602	1,695	1,775	1,843	1,898	1,941			
19		0,228	0,337	0,444	0,547	0,647	0,744	0,838	0,929	1,017	1,102	1,183	1,262	1,337	1,410	1,479	1,545	1,608	1,668	1,725	1,830	1,923	2,003	2,071	2,126	2,169		
20		0,240	0,356	0,468	0,578	0,684	0,787	0,887	0,984	1,078	1,169	1,257	1,342	1,423	1,502	1,578	1,650	1,719	1,786	1,849	1,966	2,071	2,163	2,243	2,311	2,366	2,409	
21		0,253	0,374	0,493	0,609	0,721	0,830	0,937	1,040	1,140	1,237	1,331	1,422	1,510	1,594	1,676	1,755	1,830	1,903	1,972	2,101	2,218	2,323	2,416	2,496	2,563	2,619	
22		0,265	0,393	0,518	0,639	0,758	0,873	0,986	1,095	1,202	1,305	1,405	1,502	1,596	1,687	1,775	1,859	1,941	2,020	2,095	2,237	2,366	2,483	2,588	2,681	2,761	2,828	
23		0,277	0,411	0,542	0,670	0,795	0,917	1,035	1,151	1,263	1,373	1,479	1,582	1,682	1,779	1,873	1,964	2,052	2,137	2,218	2,372	2,514	2,644	2,761	2,865	2,958	3,038	
24		0,290	0,430	0,567	0,701	0,832	0,960	1,085	1,206	1,325	1,440	1,553	1,662	1,769	1,872	1,972	2,069	2,163	2,254	2,342	2,508	2,662	2,804	2,933	3,050	3,155	3,248	
25		0,302	0,448	0,592	0,732	0,869	1,003	1,134	1,262	1,387	1,508	1,627	1,742	1,855	1,964	2,071	2,174	2,274	2,371	2,465	2,644	2,810	2,964	3,106	3,235	3,352	3,457	
26		0,314	0,467	0,616	0,763	0,906	1,046	1,183	1,317	1,448	1,576	1,701	1,822	1,941	2,057	2,169	2,278	2,385	2,488	2,588	2,779	2,958	3,124	3,278	3,420	3,549	3,667	
27		0,327	0,485	0,641	0,793	0,943	1,089	1,232	1,373	1,510	1,644	1,775	1,903	2,027	2,149	2,268	2,383	2,496	2,605	2,711	2,915	3,106	3,284	3,451	3,605	3,747	3,876	
28		0,339	0,504	0,666	0,824	0,980	1,132	1,282	1,428	1,571	1,712	1,849	1,983	2,114	2,242	2,366	2,488	2,607	2,722	2,835	3,050	3,254	3,445	3,623	3,790	3,944	4,086	
29		0,351	0,522	0,690	0,855	1,017	1,175	1,331	1,484	1,633	1,779	1,923	2,063	2,200	2,334	2,465	2,593	2,718	2,839	2,958	3,186	3,402	3,605	3,796	3,975	4,141	4,295	4,437
30		0,364	0,541	0,715	0,886	1,054	1,219	1,380	1,539	1,695	1,847	1,997	2,143	2,286	2,426	2,563	2,698	2,828	2,956	3,081	3,321	3,549	3,765	3,968	4,160	4,338	4,505	4,659
32		0,388	0,578	0,764	0,947	1,128	1,305	1,479	1,650	1,818	1,983	2,144	2,303	2,459	2,611	2,761	2,907	3,050	3,191	3,328	3,593	3,845	4,086	4,314	4,529	4,733	4,924	5,102
34		0,413	0,615	0,813	1,009	1,202	1,391	1,578	1,761	1,941	2,118	2,292	2,463	2,631	2,796	2,958	3,117	3,272	3,425	3,574	3,864	4,141	4,406	4,659	4,899	5,127	5,343	5,546
35	± 0,15	0,425	0,633	0,838	1,040	1,239	1,434	1,627	1,816	2,003	2,186	2,366	2,543	2,718	2,889	3,056	3,221	3,383	3,542	3,697	3,999	4,289	4,566	4,831	5,084	5,324	5,552	5,768
36		0,438	0,652	0,863	1,071	1,276	1,477	1,676	1,872	2,064	2,254	2,440	2,624	2,804	2,981	3,155	3,326	3,494	3,659	3,821	4,135	4,437	4,726	5,004	5,269	5,521	5,762	5,990
38		0,462	0,689	0,912	1,132	1,350	1,564	1,775	1,983	2,188	2,389	2,588	2,784	2,976	3,166	3,352	3,536	3,716	3,893	4,067	4,406	4,733	5,047	5,349	5,638	5,916	6,181	6,433
40		0,487	0,726	0,961	1,194	1,423	1,650	1,873	2,094	2,311	2,525	2,736	2,944	3,149	3,351	3,549	3,745	3,938	4,127	4,314	4,677	5,028	5,367	5,694	6,008	6,310	6,600	6,877
42			0,763	1,011	1,256	1,497	1,736	1,972	2,205	2,434	2,661	2,884	3,104	3,321	3,536	3,747	3,955	4,160	4,361	4,560	4,948	5,324	5,688	6,039	6,378	6,705	7,019	7,321
44			0,800	1,060	1,317	1,571	1,822	2,071	2,315	2,557	2,796	3,032	3,264	3,494	3,720	3,944	4,164	4,381	4,595	4,807	5,219	5,620	6,008	6,384	6,748	7,099	7,438	7,764
45			0,818	1,085	1,348	1,608	1,866	2,120	2,371	2,619	2,864	3,106	3,345	3,580	3,813	4,042	4,269	4,492	4,713	4,930	5,355	5,768	6,168	6,557	6,933	7,296	7,647	7,986
46			0,837	1,109	1,379	1,645	1,909	2,169	2,426	2,681	2,932	3,180	3,425	3,667	3,905	4,141	4,374	4,603	4,830	5,053	5,491	5,916	6,329	6,729	7,117	7,493	7,857	8,208
48	± 0,20		0,873	1,159	1,440	1,719	1,995	2,268	2,537	2,804	3,067	3,328	3,585	3,839	4,090	4,338	4,583	4,825	5,064	5,300	5,762	6,212	6,649	7,074	7,487	7,888	8,276	8,652
50			0,910	1,208	1,502	1,793	2,081	2,366	2,648	2,927	3,203	3,476	3,745	4,012	4,275	4,535	4,793	5,047	5,298	5,546	6,033	6,507	6,970	7,419	7,857	8,282	8,695	9,095
52			1,257	1,564	1,867	2,168	2,465	2,759	3,050	3,338	3,623	3,905	4,184	4,460	4,733	5,002	5,269	5,532	5,793	6,304	6,803	7,290	7,764	8,227	8,676	9,114	9,539	
55			1,331	1,656	1,978	2,297	2,613	2,926	3,235	3,542	3,845	4,146	4,443	4,737	5,028	5,316	5,601	5,883	6,162	6,711	7,247	7,771	8,282	8,781	9,268	9,743	10,205	
58	± 0,25		1,405	1,749	2,089	2,426	2,761	3,092	3,420	3,745	4,067	4,386	4,702	5,015	5,324	5,631	5,934	6,235	6,532	7,117	7,690	8,251	8,800	9,336	9,860	10,371	10,870	
60			1,454	1,810	2,163	2,513	2,859	3,203	3,543	3,881	4,215	4,546	4,874	5,199	5,521	5,840	6,156	6,469	6,778	7,389	7,986	8,572	9,145	9,706	10,254	10,790	11,314	
65			1,578	1,964	2,348	2,728	3,106	3,480	3,851	4,220	4,585	4,947	5,306	5,662	6,014	6,364	6,711	7,054	7,395	8,066	8,726	9,373	10,007	10,630	11,240	11,838	12,423	