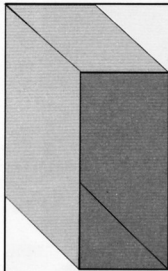


BONO COM COSTURA

TUBO RETANGULAR



DIMENSÃO EXTERNA (mm)	ESPESSURA (mm) PESO Kg/6.000mm																		
	0,90	0,95Zn	1,06	1,20	1,25Zn	1,50	1,55Zn	1,90	1,95Zn	2,00	2,25	2,65	3,00	3,35	3,75	4,25	4,50	4,75	
10 x 30	3,263	3,437	3,818	4,297	4,467	5,305	5,470	6,607	6,766	6,925									
12 x 40	4,108	4,329	4,814	5,424	5,641	6,714	6,926	8,392	8,598										
14 x 20	2,839	2,990	3,319	3,732	3,879	4,599	4,741	5,713	5,849										
15 x 25	3,263	3,437	3,818	4,297	4,467	5,305	5,470	6,607	6,766	6,925									
15 x 35	4,108	4,330	4,814	5,425	5,641	6,714	6,926	8,392	8,598	8,804									
15 x 40	4,530	4,775	5,311	5,987	6,228	7,418	7,653	9,283	9,513										
15 x 75				9,935	10,339	12,352	12,752	15,533	15,927										
19 x 32	4,108	4,330	4,814	5,425	5,641	6,714	6,926	8,392	8,598	8,804	9,821	11,411	12,762						
20 x 30	4,108	4,330	4,814	5,425	5,641	6,714	6,926	8,392	8,598	8,804	9,821	11,411	12,762						
20 x 35	4,531	4,775	5,311	5,987	6,228	7,418	7,653	9,283	9,513	9,742	10,877	12,654	14,170	15,649					
20 x 40	4,954	5,222	5,810	6,552	6,816	8,123	8,383	10,177	10,431	10,683	11,936	13,901	15,581	17,225					
20 x 45	5,376	5,668	6,307	7,115	7,402	8,827	9,110	11,069	11,345	11,621	12,991	15,143	16,988	18,797					
20 x 50	5,800	6,115	6,806	7,680	7,990	9,533	9,839	11,963	12,263	12,563	14,050	16,391	18,400	20,373					
20 x 70	7,491	7,900	8,798	9,935	10,339	12,352	12,752	15,533	15,927	16,321	18,278	21,370	24,038	26,668					
23 x 48	5,800	6,115	6,806	7,680	7,990	9,533	9,839	11,963	12,263	12,563									
24 x 36	4,954	5,222	5,810	6,552	6,816	8,123	8,383	10,177	10,431	10,683	11,936	13,901	15,581	17,225					
25 x 35	4,954	5,222	5,810	6,552	6,816	8,123	8,383	10,177	10,431	10,683	11,936	13,901	15,581	17,225					
25 x 45	5,800	6,115	6,806	7,680	7,990	9,533	9,839	11,963	12,263	12,563	14,050	16,391	18,400	20,303					
25 x 50	6,219	6,558	7,300	8,239	8,573	10,232	10,562	12,848	13,172	13,495	15,098	17,626	19,798	21,935					
25 x 70				10,494	10,922	13,051	13,474	16,419	16,836	17,253	19,327	22,606	25,436	28,230					
30 x 40	5,800	6,115	6,806	7,680	7,990	9,533	9,839	11,963	12,263	12,563	14,050	16,391	18,400	20,373					
30 x 45	6,219	6,558	7,300	8,239	8,573	10,232	10,562	12,848	13,172	13,495	15,098	17,626	19,798	21,935					
30 x 50	6,645	7,007	7,802	8,807	9,165	10,942	11,296	13,748	14,095	14,442	16,164	18,880	21,219	23,521					
30 x 60			8,798	9,935	10,339	12,352	12,752	15,533	15,927	16,321	18,278	21,370	24,038	26,668	29,631				
30 x 70			9,794	11,062	11,514	13,761	14,208	17,318	17,760	18,200	20,392	23,860	26,856	29,816	33,154				
30 x 90			11,785	13,317	13,863	16,580	17,121	20,889	21,424	21,959	24,620	28,840	32,494	36,111	40,201	45,247	47,742	50,219	
30 x 110						19,399	20,034	24,459	25,089	25,717	28,848	33,820	38,132	42,407	47,248	53,234	56,199	59,145	
30 x 120								24,459	25,089	25,717	28,848	33,820	38,132	42,407	47,248	53,234	56,199	59,145	
30 x 130						22,218	22,947	28,030	28,753	29,475	33,077	38,800	43,769	48,702	54,295	61,220	64,655	68,071	
33 x 60			10,494	10,922	13,051	13,474	16,419	16,836	17,253	19,327	22,606	25,436	28,230	31,379	35,248	37,155	39,043		
35 x 60			10,494	10,922	13,051	13,474	16,419	16,836	17,253	19,327	22,606	25,436	28,230	31,379	35,248	37,155	39,043		
35 x 125					22,218	22,947	28,030	28,753	29,475	33,077	38,800	43,769	48,702	54,295	61,220	64,655	68,071		
40 x 50			8,798	9,935	10,339	12,352	12,752	15,533	15,927	16,321	18,278	21,370	24,038	26,668	29,631	33,267	35,058	36,829	
40 x 60			9,794	11,062	11,514	13,761	14,208	17,318	17,760	18,200	20,392	23,860	26,856	29,816	33,154	37,260	39,286	41,293	
40 x 80			11,785	13,317	13,863	16,580	17,121	20,889	21,424	21,959	24,620	28,840	32,494	36,111	40,201	45,247	47,742	50,219	
40 x 100						19,399	20,034	24,459	25,089	25,717	28,848	33,820	38,132	42,407	47,248	53,234	56,199	59,145	
40 x 120						22,218	22,947	28,030	28,753	29,475	33,077	38,800	43,769	48,702	54,295	61,220	64,655	68,071	
50 x 70			11,785	13,317	13,863	16,580	17,121	20,889	21,424	21,959	24,620	28,840	32,494	36,111	40,201	45,247	47,742	50,219	
50 x 80										23,367	26,205	30,707	34,607	38,471	42,843	48,240	50,912	53,564	
50 x 90						19,399	20,034	24,459	25,089	25,717	28,848	33,820	38,132	42,407	47,248	53,234	56,199	59,145	
50 x 100										27,596	30,963	36,310	40,950	45,554	50,772	57,227	60,427	63,608	
50 x 130						25,036	25,859	31,600	32,417	33,234	37,305	43,780	49,407	54,997	61,342	69,207	73,111	76,998	
50 x 150								35,171	36,082	36,992	41,533	48,760	55,044	61,293	68,389	77,194	81,568	85,924	
60 x 80						19,399	20,034	24,459	25,089	25,717	28,848	33,820	38,132	42,407	47,248	53,234	56,199	59,145	
60 x 100						22,218	22,947	28,030	28,753	29,475	33,077	38,800	43,769	48,702	54,295	61,220	64,655	68,071	
60 x 120						25,063	25,859	31,600	32,417	33,234	37,305	43,780	49,407	54,997	61,342	69,207	73,111	76,998	
*60 x 140								35,171	36,082	36,992	41,533	48,760	55,044	61,293	68,389	77,194	81,568	85,924	
*60 x 160										40,751	45,761	53,740	60,682	67,588	75,436	85,180	90,024	94,850	
*60 x 180										44,509	49,989	58,720	66,320	73,884	82,483	93,167	98,481	103,776	
70 x 130								35,171	36,082	36,992	41,533	48,760	55,044	61,293	68,389	77,194	81,568	85,924	
70 x 150										40,751	45,761	53,740	60,682	67,588	75,436	85,180	90,024	94,850	
*70 x 170										44,509	49,989	58,720	66,320	73,884	82,483	93,167	98,481	103,776	
80 x 100						25,036	25,859	31,600	32,417	33,234	37,305	43,780	49,407	54,997	61,342	69,207	73,111	76,998	
80 x 120										35,171	36,082	36,992	41,533	48,760	55,044	61,293	68,389	77,194	81,568
*80 x 140										40,751	45,761	53,740	60,682	67,588	75,436	85,180	90,024	94,850	
*80 x 160										44,509	49,989	58,720	66,320	73,884	82,483	93,167	98,481	103,776	
*80 x 180										48,267	54,218	63,700	71,957	80,179	89,531	101,153	106,937	112,702	
90 x 110								35,171	36,082	36,992	41,533	48,760	55,044	61,293	68,389	77,194	81,568	85,924	
90 x 130										40,751	45,761	53,740	60,682	67,588	75,436	85,180	90,024	94,850	
90 x 150										44,509	49,989	58,720	66,320	73,884	82,483	93,167	98,481	103,776	
*90 x 170										48,267	54,218	63,700	71,957	80,179	89,531	101,153	106,937	112,702	
100 x 120										40,751	45,761	53,740	60,682	67,588	75,436	85,180	90,024	94,850	
*100 x 140										44,509	49,989	58,720	66,320	73,884	82,483	93,167	98,481	103,776	
*100 x 150										44,509	49,989	58,720	66,320	73,884	82,483	93,167	98,481	103,776	
*100 x 160										48,267	54,218	63,700	71,957	80,179	89,531	101,153	106,937	112,702	
110 x 130										44,509	49,989	58,720	66,320	73,884	82,483	93,167	98,481	103,776	
110 x 150										48,267	54,218	63,700	71,957	80,179	89,531	101,153	106,937	112,702	
*120 x 140										48,267	54,218	63,700	71,957	80,179	89,531	101,153	106,937	112,702	

* Sob consulta