



# TUBO & ACESSÓRIOS PPR

Os Tubos e Acessórios PPR são versáteis e usados em sistemas de água fria e quente, climatização, aquecimento, fluidos industriais e ar comprimido. Podem ser instalados dentro ou fora das paredes sem risco de corrosão. Têm certificação AENOR, elevada durabilidade, baixa condutividade térmica e pouca rugosidade. Além disso, permitem uma instalação simples, rápida e contínua.

## TUBO PPR PN20 AZUL

Art.:165101	20x3.4	€0.90	100mt
Art.:165102	25x4.2	€1.39	80mt
Art.:165103	32x5.4	€2.38	40mt
Art.:165104	40x6.7	€3.80	32mt
Art.:165105	50x8.3	€5.92	20mt
Art.:165106	63x10.5	€9.42	16mt
Art.:165107	75x12.5	€19.69	12mt
Art.:165108	90x15.0	€30.58	8mt



VARAS  
4MT



## JOELHO FF 90° PPR AZUL

Art.:165201	20	€0.18	100 500
Art.:165202	25	€0.30	55 330
Art.:165203	32	€0.52	35 175
Art.:165204	40	€0.98	20 80
Art.:165205	50	€1.93	9 45
Art.:165206	63	€4.36	4 24
Art.:165207	75	€6.14	2 12
Art.:165208	90	€10.28	1 6



## TÊ FFF PPR AZUL

Art.:165401	20	€0.23	75 375
Art.:165402	25	€0.35	60 240
Art.:165403	32	€0.65	30 120
Art.:165404	40	€1.38	10 60
Art.:165405	50	€2.46	5 30
Art.:165406	63	€4.90	4 20



## TÊ DE REDUÇÃO FFF PPR AZUL

Art.:165501	25x20x20	€0.40	75 300
Art.:165502	25x20x25	€0.44	70 280
Art.:165503	32x20x20	€0.89	35 175
Art.:165504	32x20x32	€0.70	35 175
Art.:165505	32x25x32	€0.78	30 150
Art.:165506	40x20x40	€1.39	10 60
Art.:165507	40x32x40	€1.33	20 80
Art.:165508	40x32x40	€1.00	15 75
Art.:165509	50x25x50	€2.24	10 50
Art.:165510	50x32x50	€2.29	8 32
Art.:165511	50x40x50	€2.29	6 30
Art.:165521	63x20x63	€2.84	3 18
Art.:165522	63x25x63	€2.89	3 18
Art.:165523	63x32x63	€2.93	3 18
Art.:165524	63x40x63	€2.95	3 18
Art.:165525	63x50x63	€2.98	3 18
Art.:165527	75x25x75	€7.01	2 12
Art.:165528	75x32x75	€7.01	2 12
Art.:165529	75x40x75	€7.13	2 12
Art.:165530	75x50x75	€7.13	2 12
Art.:165531	75x63x75	€7.25	2 12
Art.:165533	90x25x90	€10.23	1 5
Art.:165534	90x32x90	€10.24	1 5
Art.:165535	90x40x90	€10.24	1 5
Art.:165536	90x50x90	€10.24	1 5
Art.:165537	90x63x90	€10.24	1 5
Art.:165538	90x75x90	€10.48	1 5

## PASSADOR DE ESFERA PPR AZUL

Art.:166981	20x1/2	€5.16	60 60
Art.:166982	25x3/4	€6.96	50 50
Art.:166983	32x1"	€9.58	25 25



## JOELHO FF 45° PPR AZUL

Art.:165301	20	€0.20	140 700
Art.:165302	25	€0.32	100 400
Art.:165303	32	€0.44	55 220



## TAMPÃO FÊMEA PPR AZUL

Art.:165801	20	€0.14	275 1375
Art.:165802	25	€0.20	200 800
Art.:165803	32	€0.28	75 450
Art.:165804	40	€0.44	20 200
Art.:165805	50	€1.18	10 100
Art.:165806	63	€2.46	8 40



## ADAPTADOR PARA MISTURADORA PPR AZUL

Art.:166991	20x1/2	€5.62	10 50
Art.:166992	25x1/2	€6.13	9 45



## ABRAÇADEIRA SIMPLÉS PPR AZUL

Art.:166001	20	€0.15	250 1000
Art.:166002	25	€0.18	200 800
Art.:166003	32	€0.22	200 800



## JOELHO DUPLO PPR AZUL 20x1/2x1/2

Art.:166208	€2.79	10 50
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## UNIÃO REDUÇÃO MF PPR AZUL

Art.:165701	25x20	€0.14	210 840
Art.:165702	32x20	€0.26	100 400
Art.:165703	32x25	€0.30	100 400
Art.:165704	40x20	€0.33	50 250
Art.:165708	40x25	€0.49	50 250
Art.:165705	40x32	€0.50	45 225
Art.:165706	50x25	€0.83	35 140
Art.:165709	50x32	€1.02	25 100
Art.:165707	50x40	€1.02	20 100
Art.:165715	63x25	€1.34	16 64
Art.:165716	63x32	€1.26	16 64
Art.:165718	63x50	€1.60	10 50
Art.:165721	75x50	€2.28	6 36
Art.:165722	75x63	€2.56	6 36
Art.:165727	90x40	€2.63	5 20
Art.:165728	90x50	€2.80	5 20
Art.:165729	90x63	€3.18	5 20
Art.:165730	90x75	€3.42	5 20

## UNIÃO DE CRUZAMENTO PPR AZUL

Art.:165901	20	€0.83	75
Art.:165902	25	€1.25	100
Art.:165903	32	€2.89	40



## SUPORTE DUPLO AZUL

Art.:166995	20x1/2	€3.32	5 50
Art.:166996	25x1/2	€3.18	5 50



10CM



## UNIÃO SIMPLÉS FF PPR AZUL

Art.:165601	20	€0.11	150 750
Art.:165602	25	€0.19	100 500
Art.:165603	32	€0.33	50 250
Art.:165604	40	€0.66	30 150
Art.:165605	50	€1.19	17 85
Art.:165606	63	€2.58	12 48
Art.:165607	75	€3.98	6 24
Art.:165608	90	€6.44	4 20



**CASQUILHO COM ROSCA FÊMEA PPR AZUL**

Art.:166301	20x1/2	€1.35	40	200
Art.:166302	20x3/4	€1.85	45	180
Art.:166303	25x1/2	€1.32	40	200
Art.:166304	25x3/4	€2.08	30	150
Art.:166305	32x3/4	€2.58	22	110
Art.:166306	32x1"	€4.38	18	90
Art.:166307	40x1"1/4	€9.64	10	40
Art.:166308	50x1"1/2	€13.24	6	30
Art.:166309	63x2"	€26.08	3	18
Art.:166310	75x2"1/2	€41.06	2	8
Art.:166311	90x3"	€68.48	1	6



**CASQUILHO COM ROSCA MACHO PPR AZUL**

Art.:166501	20x1/2	€1.92	40	200
Art.:166502	20x3/4	€2.83	30	150
Art.:166503	25x1/2	€2.04	45	180
Art.:166504	25x3/4	€2.98	35	140
Art.:166505	32x3/4	€4.31	25	100
Art.:166506	32x1"	€5.10	18	90
Art.:166507	40x1"1/4	€14.78	9	36
Art.:166508	50x1"1/2	€20.24	9	36
Art.:166509	63x2"	€28.28	3	15
Art.:166510	75x2"1/2	€58.22	2	8
Art.:166511	90x3"	€89.98	2	6



**TÊ ROSCA AO CENTRO PPR AZUL**

Art.:166801	20x1/2x20	€1.67	30	150
Art.:166802	20x3/4x20	€2.64	15	60
Art.:166803	25x1/2x25	€2.18	25	100
Art.:166804	25x3/4x25	€3.12	20	80
Art.:166805	32x3/4x32	€4.10	15	45
Art.:166806	32x1"x32	€5.02	10	40



**UNIÃO DE CRUZAMENTO CURTA PPR AZUL**

Art.:165921	20	€0.82
Art.:165922	25	€1.29



**UNIÃO COM PORCA LOUCA PPR AZUL**

Art.:166381	20x1/2	€2.55	30	210
Art.:166382	25x3/4	€3.71	30	150
Art.:166383	32x1"	€6.48		



**JOELHO 90° COM ROSCA FÊMEA PPR AZUL**

Art.:166601	20x1/2	€1.54	40	160
Art.:166602	20x3/4	€2.46	26	130
Art.:166603	25x1/2	€1.74	30	150
Art.:166604	25x3/4	€2.34	25	100
Art.:166605	32x3/4	€3.92	15	60
Art.:166606	32x1"	€6.00	14	56



**JOELHO 90° COM ROSCA MACHO PPR AZUL**

Art.:166701	20x1/2	€2.48	30	150
Art.:166702	20x3/4	€3.47	25	75
Art.:166703	25x1/2	€3.00	22	110
Art.:166704	25x3/4	€3.74	18	90
Art.:166705	32x3/4	€4.18	20	40
Art.:166706	32x1"	€5.94	10	50



**JOELHO COM PATER PPR AZUL**

Art.:166201	20x1/2	€1.68	25	100
Art.:166202	25x1/2	€1.99	20	80
Art.:166203	25x3/4	€2.92	20	80



**ADAPTADOR FÊMEA PPR AZUL**

Art.:166401	20x1/2	€4.88	10	200
Art.:166402	25x3/4	€7.14	10	120
Art.:166403	32x1"	€9.89	10	80



**PASSADOR COMPLETO TRICÓRNI O PPR AZUL**

Art.:167051	20x1/2	€9.06	100
Art.:167052	25x3/4	€13.00	80



EMBALAGENS 2 UNIDADES



**PASSADOR COMPLETO SÓNIA PPR AZUL**

Art.:167053	20x1/2	€9.06	100
Art.:167054	25x3/4	€13.00	80



EMBALAGENS 2 UNIDADES



**PASSADOR COMPLETO PPR AZUL**

Art.:167001	20x1/2	€11.68	100
Art.:167003	25x3/4	€14.98	80
Art.:167006	32x1"	€18.69	60



EMBALAGENS 2 UNIDADES



**CAIXA PASSADOR PPR AZUL**

Art.:166901	20x1/2	€2.52	30	120
Art.:166903	25x3/4	€3.86	25	100



## TUBO PPR PN20 VERDE

Art.:160101	20x3.4	€0.90	100mt
Art.:160102	25x4.2	€1.39	80mt
Art.:160103	32x5.4	€2.38	40mt
Art.:160104	40x6.7	€3.80	32mt
Art.:160105	50x8.3	€5.92	20mt
Art.:160106	63x10.5	€9.42	16mt



VARAS  
4MT



## JOELHO FF 90° PPR VERDE

Art.:160201	20	€0.18	100 500
Art.:160202	25	€0.30	55 330
Art.:160203	32	€0.52	35 175
Art.:160204	40	€0.98	20 80
Art.:160205	50	€1.93	9 45
Art.:160206	63	€4.36	4 24



## JOELHO FF 45° PPR VERDE

Art.:160301	20	€0.20	140 700
Art.:160302	25	€0.32	100 400
Art.:160303	32	€0.44	55 220
Art.:160304	40	€0.82	20 80
Art.:160305	50	€1.54	14 48



## TÊ FFF PPR VERDE

Art.:160401	20	€0.23	75 375
Art.:160402	25	€0.35	60 240
Art.:160403	32	€0.65	30 120
Art.:160404	40	€1.38	10 60
Art.:160405	50	€2.46	5 30



## UNIÃO SIMPLES FF PPR VERDE

Art.:160601	20	€0.11	150 750
Art.:160602	25	€0.19	100 500
Art.:160603	32	€0.33	50 250
Art.:160604	40	€0.66	30 150
Art.:160605	50	€1.19	17 85



## UNIÃO REDUÇÃO MF PPR VERDE

Art.:160701	25x20	€0.14	210 840
Art.:160702	32x20	€0.26	100 400
Art.:160703	32x25	€0.30	100 400
Art.:160704	40x20	€0.33	50 250
Art.:160708	40x25	€0.49	50 200
Art.:160705	40x32	€0.50	45 225
Art.:160706	50x25	€0.83	35 140
Art.:160709	50x32	€1.02	25 150
Art.:160707	50x40	€1.02	20 100



## TÊ ROSCA AO CENTRO PPR VERDE

Art.:161801	20x1/2x20	€1.67	30 150
Art.:161802	20x3/4x20	€2.64	15 60
Art.:161803	25x1/2x25	€2.18	25 100
Art.:161804	25x3/4x25	€3.12	20 80
Art.:161807	32x1/2x32	€3.28	15 45
Art.:161805	32x3/4x32	€4.10	15 45
Art.:161806	32x1"x32	€5.02	10 40



## TÊ DE REDUÇÃO FFF PPR VERDE

Art.:160501	25x20x20	€0.40	75 300
Art.:160502	25x20x25	€0.44	70 280
Art.:160503	32x20x20	€0.89	35 175
Art.:160504	32x20x32	€0.70	35 175
Art.:160505	32x25x32	€0.78	30 150
Art.:160515	32x32x25	€0.70	30 120
Art.:160506	40x20x40	€1.39	10 60
Art.:160507	40x25x40	€1.33	20 80
Art.:160508	40x32x40	€1.00	15 75
Art.:160509	50x32x50	€2.29	8 32
Art.:160510	50x40x50	€2.29	6 30



## CASQUILHO COM ROSCA FÊMEA PPR VERDE

Art.:161301	20x1/2	€1.35	40 200
Art.:161302	20x3/4	€1.85	45 180
Art.:161303	25x1/2	€1.32	40 200
Art.:161304	25x3/4	€2.08	30 150
Art.:161305	32x3/4	€2.58	22 110
Art.:161306	32x1"	€4.38	18 90
Art.:161307	40x1"1/4	€9.64	10 40
Art.:161308	50x1"1/2	€13.24	6 30



## CASQUILHO COM ROSCA MACHO PPR VERDE

Art.:161501	20x1/2	€1.92	40 200
Art.:161502	20x3/4	€2.83	30 150
Art.:161503	25x1/2	€2.04	45 180
Art.:161504	25x3/4	€2.98	35 140
Art.:161505	32x3/4	€4.31	25 100
Art.:161506	32x1"	€5.10	18 90
Art.:161507	40x1"1/4	€14.78	9 36
Art.:161508	50x1"1/2	€20.24	9 36



## JOELHO 90° COM ROSCA FÊMEA PPR VERDE

Art.:161601	20x1/2	€1.54	40 160
Art.:161602	20x3/4	€2.46	26 130
Art.:161603	25x1/2	€1.74	30 150
Art.:161604	25x3/4	€2.34	25 100
Art.:161605	32x3/4	€3.92	15 60
Art.:161606	32x1"	€6.00	14 56



## JOELHO 90° COM ROSCA MACHO PPR VERDE

Art.:161701	20x1/2	€2.48	30 150
Art.:161702	20x3/4	€3.47	25 75
Art.:161703	25x1/2	€3.00	22 110
Art.:161704	25x3/4	€3.74	18 90
Art.:161705	32x3/4	€4.18	20 40
Art.:161706	32x1"	€5.94	10 50



**TAMPÃO FÊMEA PPR VERDE**

Art.:160801	20	€0.14	275	1375
Art.:160802	25	€0.20	200	800
Art.:160803	32	€0.28	75	450
Art.:160804	40	€0.44	20	200
Art.:160805	50	€1.18	10	100



**JOELHO COM PATER PPR VERDE**

Art.:161201	20x1/2	€1.68	25	100
Art.:161202	25x1/2	€1.99	20	80
Art.:161203	25x3/4	€2.92	20	80



**PASSADOR DE ESFERA PPR VERDE**

Art.:161981	20x1/2	€5.16	60	60
Art.:161982	25x3/4	€6.96	25	50
Art.:161983	32x1"	€9.58	25	25



**UNIÃO DE CRUZAMENTO PPR VERDE**

Art.:160901	20	€0.83	75	
Art.:160902	25	€1.25	100	
Art.:160903	32	€2.89	40	
Art.:160904	40	€3.50	30	



**ADAPTADOR FÊMEA PPR VERDE**

Art.:161401	20x1/2	€4.88	10	200
Art.:161402	25x3/4	€7.14	10	120
Art.:161403	32x1"	€9.89	10	80



**ABRAÇADEIRA SIMPLÉS PPR VERDE**

Art.:161001	20	€0.15	250	1000
Art.:161002	25	€0.18	200	800
Art.:161003	32	€0.22	200	800



**UNIÃO COM PORCA LOUCA PPR VERDE**

Art.:161381	20x1/2	€2.55	30	210
Art.:161382	25x3/4	€3.71	30	150
Art.:161383	32x1"	€6.48	30	120



**ADAPTADOR PARA MISTURADORA PPR VERDE**

Art.:162401	20x1/2	€5.62	10	50
Art.:162402	25x1/2	€6.13	9	45



**SUPORTE DUPLO VERDE**

Art.:162405	20x1/2	€3.82	5	50
Art.:162406	25x1/2	€3.95	5	50



10CM

**PASSADOR COMPLETO TRICÓRNIÓ PPR VERDE**

Art.:162501	20x1/2	€9.06	100	
Art.:162502	25x3/4	€13.00	80	



EMBALAGENS 2 UNIDADES



**PASSADOR COMPLETO SÓNIA PPR VERDE**

Art.:162503	20x1/2	€9.06	100	
Art.:162504	25x3/4	€13.00	80	



EMBALAGENS 2 UNIDADES



**PASSADOR COMPLETO PPR VERDE**

Art.:162001	20x1/2	€11.68	100	
Art.:162003	25x3/4	€14.98	80	
Art.:162004	32x1"	€18.69	60	



EMBALAGENS 2 UNIDADES



**CAIXA PASSADOR PPR VERDE**

Art.:161901	20x1/2	€2.52	30	120
Art.:161903	25x3/4	€3.86	25	100



## CASTELO PARA PASSADOR

Art.:162301	1/2 Curto	<b>€5.34</b>
Art.:162302	1/2 Comprido	<b>€6.66</b>
Art.:162303	3/4 Curto	<b>€6.36</b>
Art.:162304	3/4 Comprido	<b>€7.78</b>
Art.:162305	1" Curto	<b>€8.88</b>

Curto: 3cm | Comprido: 5cm.



## TUBO E ESPELHO PARA PASSADOR

Art.:DI00197	Comprido	<b>€3.91</b>
Art.:DI00198	Curto	<b>€2.98</b>

Curto: 3cm | Comprido: 5cm.



## TESOURA CORTE PPR 20 - 32

Art.:162201	<b>€8.68</b>	20
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## TACO MACHO 1/2

Art.:138901	Negro	<b>€0.15</b>
Art.:138902	Azul	<b>€0.20</b>
Art.:138903	Vermelho	<b>€0.20</b>



## MÁQUINAS

## MÁQUINA PPR SUPER EGO

Art.:167101	Matrizes 20, 25, 32 - 800w	<b>€210.84</b>	1
Art.:167102	Matrizes 20, 25, 32, 40, 50, 63 - 800w	<b>€238.84</b>	1

Potência: 800W | Aplicações: PE, PP, PB y PVDF | Capacidade: max. Ø 63 mm | Tensão 110V / 50-60 Hz - 230V / 50-60 Hz.



**800W**  
POTÊNCIA

## MÁQUINA POLIFUSORA PPR TML

Art.:162011	Matrizes: 20, 25, 32, 40, 50 e 63	<b>€89.85</b>	50
Art.:162012	Matrizes: 20, 25, 32 e 40	<b>€78.80</b>	40

Potência: 1500W | Temperatura Máxima: 300°C | Inclui Fita Métrica de 3mt, Par de Luvas, Nível, Tesoura, Suporte, Matrizes, Chaves de Aperto.



**1500W**  
POTÊNCIA

## MÁQUINA DE TESTE DE COMPROVAÇÃO

Art.:162015	<b>€198.00</b>
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Pressão Máxi.: 60 bar | Temperatura Máx.: 50°C | Comprovação de Água e Óleo.



## MATRIZES PARA MÁQUINA PPR

Art.:167201	20	<b>€15.45</b>	10
Art.:167202	25	<b>€20.05</b>	10
Art.:167203	32	<b>€26.90</b>	5
Art.:167204	40	<b>€50.07</b>	5
Art.:167205	50	<b>€62.25</b>	1
Art.:167206	63	<b>€70.45</b>	1
Art.:167207	75	<b>€74.55</b>	1
Art.:167208	90	<b>€76.68</b>	1
Art.:167209	110	<b>€78.87</b>	1

