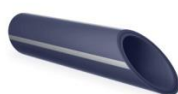


Helisystem Azul



Heli*PP-R Tubo Barra

Ref.	Medida	Preço P.V.P
HEL0000020	20	1.95 €
HEL0000025	25	2.95 €
HEL0000032	32	4.95 €
HEL0000040	40	9.55 €
HEL0000050	50	15.50 €
HEL0000063	63	23.66 €
HEL0000075	75	33.66 €
HEL0000090	90	48.30 €
HEL0000091	110	68.66 €



Heli*PP-R Tubo Romafaser

Ref.	Medida	Preço P.V.P
HEL0000110	20	1.91 €
HEL0000111	25	2.89 €
HEL0000112	32	4.95 €
HEL0000113	40	9.54 €
HEL0000114	50	15.50 €
HEL0000115	63	23.66 €
HEL0000116	75	33.66 €
HEL0000117	90	48.30 €
HEL0000118	110	68.66 €
HEL0000119	125	83.70 €
HEL0000119.	160	142.90 €
HEL0000119..	200	213.45 €



Heli*PP-R Joelho Simples 90°

Ref.	Medida	Preço P.V.P
HEL0000120	20	0.55 €
HEL0000125	25	0.65 €
HEL0000132	32	1.15 €
HEL0000140	40	2.85 €
HEL0000150	50	3.75 €
HEL0000151	63	6.25 €
HEL0000156	75	11.15 €
HEL0000157	90	33.46 €
HEL0000158	110	48.14 €
HEL0000159	125	85.50 €



Heli*PP-R Joelho Simples 45°

Ref.	Medida	Preço P.V.P
HEL0000160	20	0.89 €
HEL0000165	25	0.97 €
HEL0000170	32	1.49 €
HEL0000171	40	3.15 €
HEL0000172	50	5.27 €
HEL0000173	63	7.18 €
HEL0000174	75	12.00 €
HEL0000175	90	29.73 €
HEL0000176	110	42.43 €
HEL0000177	125	71.54 €



Heli*PP-R Joelho Rosca Fêmea

Ref.	Medida	Preço P.V.P
HEL0000220	20x1/2"	3.95 €
HEL0000225	25x1/2"	4.90 €
HEL0000226	25x3/4"	6.30 €
HEL0000233	32x3/4"	7.45 €
HEL0000234	32x1"	17.95 €



Heli*PP-R União Simples

Ref.	Medida	Preço P.V.P
HEL0010320	20	0.40 €
HEL0010325	25	0.53 €
HEL0010332	32	0.76 €
HEL0010333	40	1.95 €
HEL0010334	50	2.80 €
HEL0010335	63	4.70 €
HEL0010340	75	5.93 €
HEL0010345	90	7.89 €
HEL0010350	110	13.33 €
HEL0010355	125	48.80 €



Heli*PP-R Joelho Rosca Macho

Ref.	Medida	Preço P.V.P
HEL0000310	20x1/2"	5.58 €
HEL0000315	25x1/2"	5.95 €
HEL0000318	25x3/4"	10.11 €
HEL0000326	32x3/4"	10.47 €
HEL0000327	32x1"	19.27 €



Heli*PP-R União Redução

Ref.	Medida	Preço P.V.P
HEL0010380	25x20	0.42 €
HEL0010385	32x20	0.57 €
HEL0010390	32x25	0.68 €
HEL0010392	40x20	1.52 €
HEL0010394	40x25	1.63 €
HEL0010395	40x32	3.35 €
HEL0010397	50x20	3.32 €
HEL0010398	50x25	3.32 €
HEL0010399	50x32	3.32 €
HEL0010400	50x40	3.50 €
HEL0010406	63x25	4.58 €



Heli*PP-R Joelho C/Pater

Ref.	Medida	Preço P.V.P
HEL0000390	20x1/2"	4.15 €
HEL0000395	25x1/2"	5.40 €
HEL0000396	25x3/4"	6.63 €

Helisystem Azul



Heli*PP-R União Redução

Ref.	Medida	Preço P.V.P
HEL0010407	63x32	4.90 €
HEL0010408	63x40	4.90 €
HEL0010410	63x50	4.90 €
HEL0010465	75x50	5.44 €
HEL0010470	75x63	5.44 €
HEL0010510	90x63	10.39 €
HEL0010515	90x75	10.39 €
HEL0010516	110x63	15.75 €
HEL0010517	110x75	15.75 €
HEL0010518	110x90	15.75 €
HEL0010519	125x110	41.86 €



Heli*PP-R União Rosca Fêmea

Ref.	Medida	Preço P.V.P
HEL0010800	20x1/2"	3.95 €
HEL0010810	25x1/2"	4.05 €
HEL0010815	25x3/4"	5.25 €
HEL0010820	32x3/4"	5.80 €
HEL0010821	32x1"	11.30 €
HEL0010823	40x11/4"	24.16 €
HEL0010824	50x11/2"	32.65 €
HEL0010826	63x2"	48.15 €
HEL0010826.	75x21/2"	129.48 €
HEL0010826..	90x3"	180.22 €



Heli*PP-R União Rosca Macho

Ref.	Medida	Preço P.V.P
HEL0010827	20x1/2"	5.37 €
HEL0010834	25x1/2"	5.75 €
HEL0010833	25x3/4"	10.10 €
HEL0010836	32x3/4"	10.16 €
HEL0010838	32x1"	13.85 €
HEL0010839	40x11/4"	29.11 €
HEL0010840	50x11/2"	38.74 €
HEL0010842	63x2"	61.16 €
HEL0010843	75x21/2"	155.50 €
HEL0010844	90x3"	193.38 €
HEL0010848	110x4"	238.98 €



Heli*PP-R União de Cruzamento

Ref.	Medida	Preço P.V.P
HEL0010850	20	1.45 €
HEL0010855	25	1.95 €
HEL0010860	32	2.60 €



Heli*PP-R Tê Redução

Ref.	Medida	Preço P.V.P
HEL0001810	25x20x25	0.90 €
HEL0001820	25x20x20	0.89 €
HEL0001830	25x25x20	0.90 €
HEL0001839	32x20x20	1.18 €
HEL0001840	32x20x25	0.00 €
HEL0001850	32x20x32	1.45 €
HEL0001860	32x25x32	1.36 €
HEL0001863	32x25x20	1.80 €
HEL0001865	32x25x25	1.63 €
HEL0001875	40x20x40	2.40 €
HEL0001880	40x25x40	2.40 €
HEL0001885	40x32x40	2.47 €



Heli*PP-R Tê Simples

Ref.	Medida	Preço P.V.P
HEL0001020	20	0.55 €
HEL0001025	25	0.72 €
HEL0001032	32	1.30 €
HEL0001033	40	2.99 €
HEL0001035	50	5.17 €
HEL0001036	63	7.62 €
HEL0001040	75	13.06 €
HEL0001043	90	34.00 €
HEL0001044	110	50.97 €
HEL0001045	125	94.90 €



Heli*PP-R Tê Redução

Ref.	Medida	Preço P.V.P
HEL0001887	50x25x50	6.98 €
HEL0001888	50x32x50	7.32 €
HEL0001889	50x40x50	7.30 €
HEL0001960	63x25x63	9.62 €



Heli*PP-R Tê Rosca Fêmea

Ref.	Medida	Preço P.V.P
HEL0001120	20x1/2"	4.95 €
HEL0001123	20x3/4"	5.50 €
HEL0001122	25x1/2"	6.40 €
HEL0001125	25x3/4"	6.63 €
HEL0001131	32x3/4"	11.95 €
HEL0001132	32x1"	17.84 €



Heli*PP-R Tê Redução

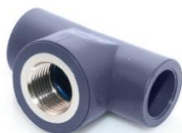
Ref.	Medida	Preço P.V.P
HEL0001965	63x32x63	9.62 €
HEL0001970	63x40x63	9.62 €
HEL0001975	63x50x63	9.62 €
HEL0001973	75x40x75	19.60 €
HEL0001974	75x50x75	19.60 €
HEL0001976	75x63x75	19.60 €
HEL0001977	90x75x90	37.03 €
HEL0001978	110x90x110	49.34 €
HEL0001980	125x110x125	5.30 €

Helisystem Azul



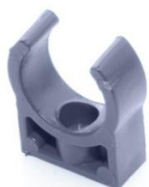
Heli*PP-R Tê Rosca Macho

Ref.	Medida	Preço P.V.P
HEI0001133	20x1/2"	5.30 €
HEI0001135	25x1/2"	5.61 €
HEI0001134	25x3/4	7.17 €



Heli*PP-R Torneira Corte (Só Corpo)

Ref.	Medida	Preço P.V.P
HEL0088001	20x1/2"	8.37 €
HEL0088011	25x3/4"	9.45 €
HEL0088013	32x1"	15.74 €



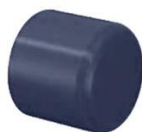
Heli*PP-R Abraçadeira Azul

Ref.	Medida	Preço P.V.P
HEL0088080	20	0.17 €
HEL0088082	25	0.20 €
HEL0088084	32	0.26 €
HEL0088086	40	0.35 €



Castelo Completo Curto

Ref.	Medida	Preço P.V.P
HEL0087001	20	5.20 €
HEL0087002	25	6.40 €



Heli*PP-R Tampão Final

Ref.	Medida	Preço P.V.P
HEL0088020	20	0.50 €
HEL0088025	25	0.52 €
HEL0088032	32	1.52 €
HEL0088040	40	1.74 €
HEL0088050	50	3.25 €
HEL0088063	63	4.08 €
HEL0088075	75	4.46 €
HEL0088076	90	8.45 €
HEL0088077	110	13.92 €
HEL0088078	125	53.10 €



Heli*PP-R Válvula de Esfera

Ref.	Medida	Preço P.V.P
HEL0088014	25	29.21 €
HEL0088015	32	41.00 €
HEL0088015.	40	53.45 €
HEL0088015..	50	87.74 €
HEL0088015...	63	125.21 €
HEL0088015....	75	247.08 €



Castelo Completo Longo

Ref.	Medida	Preço P.V.P
HEL0087004	20	6.40 €
HEL0087006	25	7.80 €



Heli*PP-R Polifusora Proteu®

Ref.	Medida	Preço P.V.P
HEL0091000	20-63	162.00 €



Heli*PP-R Tampão Reparação

Ref.	Medida	Preço P.V.P
HEL00880150	7x11	1.97 €



Matriz P/Polifusora

Ref.	Medida	Preço P.V.P
HEL0091070	20	19.50 €
HEL0091072	25	20.50 €
HEL0091074	32	22.95 €
HEL0091076	40	26.95 €
HEL0091078	50	35.95 €
HEL0091080	63	47.95 €
HEL0091082	75	69.00 €
HEL0091084	90	98.00 €
HEL0091086	110	165.00 €



Heli*PP-R Castelo S/Manipulo

Ref.	Medida	Preço P.V.P
HEL0088016	1/2"	17.58 €
HEL0088017	3/4"	19.48 €
HEL0088018	1"	0.00 €

Helisystem Azul



Heli*PP-R Válvula Regulamento Oculta

Ref.	Medida	Preço P.V.P
HEL0010895	20	25.69 €
HEL0010896	25	28.56 €
HEL0010897	32	45.26 €



Heli*PP-R Tampão Roscado

Ref.	Medida	Preço P.V.P
HEL0088100	1/2"	2.96 €



Heli*PP-R União Fêmea Porca Solta

Ref.	Medida	Preço P.V.P
HEL0088560	20x3/4"	15.77 €
HEL0088580	25x1"	19.54 €
HEL0088600	32x1 1/4"	28.86 €
HEL0088640	40x1 1/2"	37.22 €
HEL0088650	50x2"	47.20 €
HEL0088663	63x2 1/2"	62.02 €



Heli*PP-R Joelho Fêmea Porca Solta

Ref.	Medida	Preço P.V.P
HEL0088696	20x3/4"	18.91 €
HEL0088698	25x1"	21.84 €
HEL0088700	32x1 1/4"	32.92 €



Heli*PP-R Calibrador/Escariador

Ref.	Medida	Preço P.V.P
HEL0091110	16/20/25/32	152.00 €
HEL0091112	40/50/63	346.00 €

PPR Proteu®



Proteu® PP-R Tubo Barra

Ref.	Medida	Preço P.V.P
3-000020	20	1.52 €
3-000025	25	2.56 €
3-000032	32	4.40 €
3-000040	40	6.72 €
3-000050	50	10.56 €
3-000063	63	17.76 €
3-000075	75	24.16 €
3-000090	90	36.80 €
3-000110	110	54.80 €

Proteu® PP-R Tubo Fibra

Ref.	Medida	Preço P.V.P
3-000220	20	1.72 €
3-000225	25	2.80 €
3-000232	32	4.72 €
3-000240	40	8.40 €
3-000250	50	12.84 €
3-000263	63	20.28 €

Proteu® PP-R Joelho Simples 90°

Ref.	Medida	Preço P.V.P
3-010020	20	0.28 €
3-010025	25	0.48 €
3-010032	32	0.76 €
3-010040	40	1.36 €
3-010050	50	2.80 €
3-010063	63	5.08 €
3-010075	75	8.80 €
3-010090	90	15.68 €



Proteu® PP-R Joelho Simples 45°

Ref.	Medida	Preço P.V.P
3-020020	20	0.28 €
3-020025	25	0.36 €
3-020032	32	0.64 €
3-020040	40	1.24 €
3-020050	50	2.28 €
3-020063	63	5.44 €
3-020075	75	8.96 €
3-020090	90	15.52 €

Proteu® PP-R Joelho Rosca Fêmea

Ref.	Medida	Preço P.V.P
3-030020	20x1/2"	2.32 €
3-030022	20x3/4"	3.32 €
3-030025	25x1/2"	2.48 €
3-030027	25x3/4"	3.48 €
3-030030	32x3/4"	4.24 €
3-030032	32x1"	7.96 €

Proteu® PP-R Joelho Rosca Macho

Ref.	Medida	Preço P.V.P
3-040020	20x1/2"	2.76 €
3-040025	25x1/2"	3.12 €
3-040027	25x3/4"	4.08 €
3-040032	32x1"	10.36 €



Proteu® PP-R Joelho C/Pater

Ref.	Medida	Preço P.V.P
3-050020	20x1/2"	2.88 €
3-050025	25x1/2"	3.24 €

Proteu® PP-R União Simples

Ref.	Medida	Preço P.V.P
3-100020	20	0.20 €
3-100025	25	0.28 €
3-100032	32	0.52 €
3-100040	40	0.96 €
3-100050	50	1.60 €
3-100063	63	2.96 €
3-100075	75	5.72 €
3-100090	90	9.96 €

Proteu® PP-R União Redução

Ref.	Medida	Preço P.V.P
3-110020	25x20	0.24 €
3-110030	32x20	0.36 €
3-110032	32x25	0.40 €
3-110038	40x25	0.76 €
3-110040	40x32	0.80 €
3-110048	50x32	1.68 €
3-110050	50x40	1.80 €
3-110059	63x32	2.88 €
3-110061	63x40	2.96 €
3-110063	63x50	3.04 €

PPR Proteu



Proteu® PP-R União Redução

Ref.	Medida	Preço P.V.P
3-110071	75x40	5.20 €
3-110073	75x50	5.28 €
3-110075	75x63	5.56 €
3-110086	90x50	7.96 €
3-110088	90x63	8.16 €
3-110090	90x75	8.44 €



Proteu® PP-R União Rosca Fêmea

Ref.	Medida	Preço P.V.P
3-120020	20x1/2"	2.24 €
3-120022	20x3/4"	3.04 €
3-120025	25x1/2"	2.76 €
3-120027	25x3/4"	3.20 €
3-120030	32x3/4"	3.76 €
3-120032	32x1"	7.32 €
3-120040	40x11/4"	13.12 €
3-120050	50x11/2"	17.96 €
3-120063	63x2"	26.44 €



Proteu® PP-R União Rosca Macho

Ref.	Medida	Preço P.V.P
3-130020	20x1/2"	2.40 €
3-130022	20x1/2"	3.44 €
3-130025	25x1/2"	2.88 €
3-130027	25x3/4"	3.64 €
3-130030	32x3/4"	4.24 €
3-130032	32x1"	8.80 €
3-130040	40x11/4"	15.24 €
3-130050	50x11/2"	21.72 €
3-130063	63x2"	36.04 €



Proteu® PP-R União de Cruzamento

Ref.	Medida	Preço P.V.P
3-140020	20	1.44 €
3-140025	25	1.60 €
3-140032	32	2.64 €



Proteu® PP-R Tê Simples

Ref.	Medida	Preço P.V.P
3-060020	20	0.36 €
3-060025	25	0.56 €
3-060032	32	0.88 €
3-060040	40	1.64 €
3-060050	50	3.64 €
3-060063	63	6.76 €
3-060075	75	11.16 €
3-060090	90	18.68 €



Proteu® PP-R Tê Rosca Fêmea

Ref.	Medida	Preço P.V.P
3-080020	20x1/2"	2.56 €
3-080025	25x1/2"	3.04 €
3-080027	25x3/4"	6.28 €
3-080030	32x3/4"	6.76 €
3-080032	32x1"	8.08 €



Proteu® PP-R Tê Redução

Ref.	Medida	Preço P.V.P
3-070018	25x20x20	0.72 €
3-070020	25x20x25	0.52 €
3-070030	32x20x32	0.84 €
3-070032	32x25x32	0.88 €
3-070036	40x20x40	1.52 €
3-070038	40x25x40	1.56 €
3-070040	40x32x40	1.72 €
3-070046	50x25x50	2.48 €
3-070048	50x32x50	2.68 €
3-070050	50x40x50	3.08 €



Proteu® PP-R Tê Redução

Ref.	Medida	Preço P.V.P
3-070059	63x32x63	4.40 €
3-070061	63x40x63	6.84 €
3-070063	63x50x63	7.44 €
3-070069	75x32x75	8.12 €
3-070071	75x40x75	9.04 €



Proteu® PP-R Tê Redução

Ref.	Medida	Preço P.V.P
3-070073	75x50x75	9.96 €
3-070075	75x63x75	11.96 €
3-070084	90x40x90	13.04 €
3-070086	90x50x90	17.08 €
3-070088	90x63x90	18.68 €
3-070090	90x75x90	21.12 €

PPR Proteu®



Proteu® PP-R Tampão Final

Ref.	Medida	Preço P.V.P
3-170020	20	0.32 €
3-170025	25	0.44 €
3-170032	32	0.48 €
3-170040	40	0.80 €
3-170050	50	0.96 €
3-170063	63	1.84 €

Proteu® PP-R Torneira Corte (Só Corte)

Ref.	Medida	Preço P.V.P
3-150020	20x1/2"	3.48 €
3-150025	25x3/4"	3.96 €

Proteu® PP-R Válvula de Esfera

Ref.	Medida	Preço P.V.P
3-180020	25	15.24 €
3-180025	32	16.72 €
3-180032	40	20.00 €