

Fusion-Tech **BLUE** Striped system - SDR 11

Raw material: PP-RCT

Series: S 5

Thermal conductivity at 68°F: 0.0423 BTU
(h)/hr/ft²/F

Expansion coefficient: 0.001008 in./ft.°F

Internal roughness: 0.00028 inches

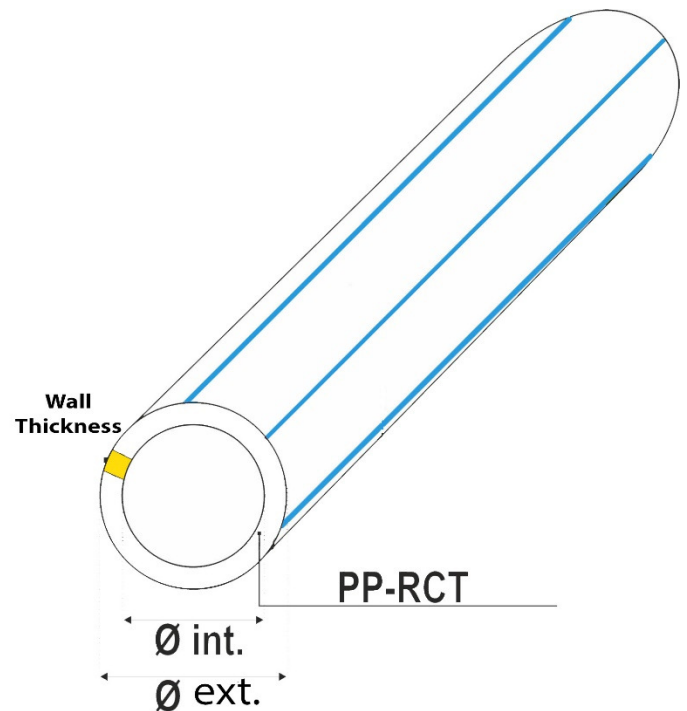
Color: White with blue stripes

Sizes: from Ø 1/2" to Ø 8"

Marking: done by electronic equipment that stamps an inscription with dashed spaces on every linear 3 ft., as shown in the example

below:

aquatechnik® article PP-RCT Fusion-Tech DDxS,S SDR11--DIN 8077/8078--IIP282
UNIENISO15874--AENOR001/682--HH:MM GG.MM.AA LX Lotto XXXXXXXXX-----made
in Italy



Advantages

- Fast welding
- Corrosion free pipe and fittings
- Industry leading flow rate
- Resistant to most chemicals
- Natural thermal insulator
- Light and impact resistant
- Durable and long lasting
- Naturally dampens sound

Product Specification - Fusion-Tech **BLUE** Striped PP-RCT

Part No.	Nominal Diameter	Ø ext.	Ø int.	Wall Thickness	SDR	Length	H2O Content	Weight	Amount per Bundle
	in	mm	in	In		ft.	US gal/ft.	lbs/ft.	ft.
61208	1/2	20	0.638	0.075	11	13	0.017	0.072	328
61210	3/4	25	0.803	0.091	11	13	0.026	0.110	328
61212	1	32	1.031	0.114	11	13	0.043	0.179	131
61214	1 1/4	40	1.283	0.146	11	13	0.067	0.277	131
61216	1 1/2	50	1.606	0.181	11	13	0.105	0.429	66
61218	2	63	2.024	0.228	11	13	0.167	0.679	66
61220	2 1/2	75	2.417	0.268	11	13	0.238	0.954	66
61222	3	90	2.898	0.323	11	13	0.343	1.390	39
61224	3 1/2	110	3.543	0.394	11	13	0.512	2.023	26
61226	4	125	4.024	0.449	11	13	0.661	2.520	13
61228	6	160	5.150	0.575	11	19	1.082	4.539	19
61230	8	200	6.441	0.717	11	19	1.693	7.150	19

Product Applications

Heating Systems	NO
Chilled Water Systems	NO
Marine Application	NO
Rain Water Collection	NO
Compressed Air	NO
In-Floor Heating	NO
Chemical Application	NO
Potable Water*	YES
Food Grade	NO
Fire Protection	NO
Underground Applications	NO
Irrigation	NO

Working Pressure

		Fusion-Tech BLUE striped Pipe SF 1.5
°F	years	Psi
50	10	254
	25	246
	50	240
	100	233
68	10	230
	25	222
	50	217
	100	210
86	10	203
	25	199
	50	191
	100	186
104	10	155
	25	148
	50	145
	100	140
122	10	129
	25	125
	50	121
	100	118
140	10	109
	25	107
	50	101
158	10	91
	25	79
	50	66
176	10	63
	25	50
203	5	41
	10	35

SF = Safety Factor

Applicable Certifications, Standards and Regulations
Listings and Approvals
NSF 61
NSF -pw
NSF 14
NSF 372
IPC 2009 sec. 605
IMC 2009 ch. 21 & 26
IRC 2009 ch. 21 & 26
UMC 2012 ch. 6
Reference Standards
ASTM F2389
ASTM F2023
ASTM D2837
DIN 8078
DIN 8077
CSA B137.11
CSA B214
ISO 9080
ISO 15874
ISO 9001