

## Fusion-Tech faser **FIBER-T RED** Striped pipes - SDR 7.4 & 11

**Raw material:** PP-RCT MOR /PP-RF/PP-R

**Series:** S3.2 from ½" to 4"; S 5 from 6" to 10"

**Thermal conductivity at 68F:** 0.0423

BTU(h)/hr/ft<sup>2</sup>/F

**Expansion coefficient:** at 0.0002367 in/ft ° F

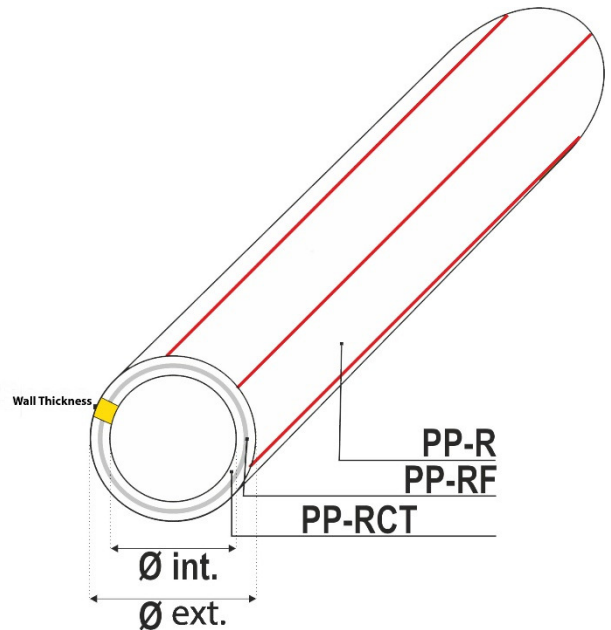
**Internal roughness:** 0.00028 inches

**Color:** white with red stripes

**Sizes:** Ø ½" to Ø 10"

**Marking:** done by electronic equipment that stamps an inscription along the pipe with dashed spaces and information below every 3 feet:

aquatechnik® article PP-RCT/PP-RF/PP-R FUSION-TECH - faser FIBER-T DDxS,S  
SDR7,4---EN ISO 15874---DIN 16837---IIP282---HH:MM GG.MM.AA LX Lotto XXXXX---  
made in Italy-----



### Advantages

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

**Product Specification - Fusion-Tech faser FIBER-T Red Striped PP-R CT 125**

Part No.	Nominal Diameter	Ø ext.	Ø int.	Wall Thickness	SDR	Length	H2O Content	Weight	Amount per Bundle
	in	mm	in	In		ft.			
61358	1/2	20	0.567	0.110	7.4	13	0.013	0.101	328
61360	3/4	25	0.709	0.138	7.4	13	0.022	0.156	328
61362	1	32	0.913	0.173	7.4	13	0.034	0.255	131
61364	1 1/4	40	1.142	0.217	7.4	13	0.053	0.388	131
61366	1 1/2	50	1.425	0.272	7.4	13	0.083	0.581	66
61368	2	63	1.803	0.339	7.4	13	0.133	0.927	66
61370	2 1/2	75	2.142	0.406	7.4	13	0.187	1.320	66
61372	3	90	2.575	0.484	7.4	13	0.270	1.899	39
61374	3 1/2	110	3.142	0.594	7.4	13	0.403	2.904	26
61376	4	125	3.575	0.673	7.4	13	0.521	3.523	13
61378	6	160	5.150	0.575	11	19	1.081	4.539	19
61380	8	200	6.441	0.717	11	19	1.693	7.150	19
61382	10	250	8.055	0.894	11	19	2.647	10.604	19

**Product Applications**

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

## Working Pressure

		Fusion-Tech faser FIBER-T RED Striped Pipe
		SF 1.5
°F	years	psi
50	10	453
	25	444
	50	438
	100	431
68	10	395
	25	386
	50	371
	100	364
86	10	334
	25	325
	50	315
	100	303
104	10	280
	25	274
	50	267
	100	260
122	10	236
	25	232
	50	223
	100	220
140	10	202
	25	191
	50	183
158	10	170
	25	161
	50	157
176	10	136
	25	133
203	5	104
	10	102

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