

## MULTILAYER PIPE PE-Xb/AL/PE-Xb

### MAIN FEATURES

<b>PRODUCT</b>	Multilayer Pipe PE-Xb/AL/PE-Xb		
<b>Fittings:</b>	Press fittings PF nickel plated; press fittings PFM Screw fittings CM and CML All in CW614N and CW617N		
<b>RAW MATERIAL</b>	Crosslinkable HDPE		
<b>FIELD OF APPLICATION</b>	Cold and hot water installations for drinkable water, heating and air-conditioning		
<b>DIMENSIONS</b>	From $\varnothing 14\text{mm}$ to $\varnothing 63\text{mm}$		
<b>STANDARDS</b>	UNI- EN- ISO 21003		
<b>Series</b>	$34,5 \leq S \leq 42,8$	$S \leq 26$	$S \leq 20,5$
<b>CROSSLINKING</b>	Tipe b - Sylane		
<b>Crosslinking degree</b>	$\geq 65\%$		
<b>Linear expansion coefficient</b>		mm/mk	0,026
<b>Internal roughness</b>		mm	0,007
<b>WORKING CONDITIONS ACCORDING TO 50 YEARS LIFE</b>			
<b>CLASS</b>	1		
<b>Working Temperature</b>	60°C		
<b>Working Pressure</b>	10 bar		
<b>OTHER APPLICATION FIELDS</b>	<ul style="list-style-type: none"> <li>▪ Compressed air</li> <li>▪ Flow of thermal and saline waters</li> <li>▪ Flow of industrial liquids</li> <li>▪ Flow of food liquids</li> </ul>		

### RAW MATERIAL FEATURES

	STANDARDS	UNITY	VALUE
<b>ALUMINIUM</b>			
<b>Thikness</b>		mm	From 0,2 to 1,5mm
<b>Welding</b>	TYPE M: the aluminium tape is longitudinally conformed on the internal plastic pipe and is butt welded continuously.		
<b>CROSSLINKABLE HDPE</b>			
<b>Density at 23°C</b>	DIN 53479	g/cm <sup>3</sup>	0.943
<b>Melting Flow Index MFI 190/5kg</b>	ISO 1133	g/10 min	2,5
<b>Thermal conductivity at 20°C</b>		W/mk	0,43

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**PRANDELLI S.p.A**



UNI EN ISO 9001:2015