

DATASHEET RW 4122 – SAW wire**Description and Applications**

Stainless steel welding wire used for joining and surfacing with matching and similar 17% Cr steels and cast steel. For surfacing sealing faces of water steam and gas valves made of unalloyed/low-alloy steels and cast steels. Developed for service temp. up to 450 °C.

Rodacciai denomination and approximate equivalent with other standards**RW 4122**

EN ISO 12072	S Z 17 Mo H
DIN 8556	SG-X35 CrMo 17
Werkstoff Nr.	1.4122

Filler metal properties

Chemical composition (nominal) in %

	C	Mn	Si	S	P	Cr	Ni	Mo
min	0,350					15,50		0,90
max	0,430	1,00	0,60	0,020	0,030	16,50	1,00	1,20

Expected minimum mechanical properties of all weld metal in combination with flux

Temperature	°C	20
Yield strength, Rp 0,2	N/mm ²	550
Tensile strength, Rm	N/mm ²	750
Elongation, A5	%	20

Packaging forms

Wire basket K415 of 25 kg.

Drum packaging of about 300 kg for diameter 2,00 – 4,00 mm.

Diameters : 1,60 – 2,00 – 2,40 – 3,20 – 4,00 mm