

FIDAT

WELDING AND BRAZING ALLOYS

GMAW AND GTAW ALUMINIUM ALLOYS

- 1xxx Series
- 4xxx Series
- 5xxx Series

Summary

	FIDAT Trade Name	Designation	Principal Alloying Elements (refer to the Tech Data Sheet for the complete chemical composition)				Melting Range		Mechanical Properties (as welded)		
			Al	Si	Mg	Misc	T _{solidus} [°C]	T _{liquidus} [°C]	min R _m [N/mm ²]	Rp 0,2 [N/mm ²]	A [%]
		EN ISO 18273 AWS A5.10									
1xxx	Al 99.7 W/R	S Al 1070 (Al99,7) ER/R 1070	> 99,7	-	-	-	647	658	80	35	30
	Al 99.8 W/R	S Al 1080A (Al99,8(A)) ER/R 1080	> 99,8	-	-	-	647	658	85	35	30
	Al 99.0 Cu W/R	S Al 1100 (Al99,0Cu) ER/R 1100	> 99,0	-	-	Cu 0,1	647	658	85	38	30
4xxx	Al Si 5 W/R	S Al 4043 (AlSi5) ER/R 4043	95	5	-	-	573	632	120	60	15
	Al Si 12 W/R	S Al 4047A (AlSi12(A)) ER/R 4047A	88	12	-	-	573	585	130	70	13
5xxx	Al Mg 3 W/R	S Al 5754 (AlMg3) ER/R 5754	97	-	3	-	560	630	190	80	20
	Al Mg 5 W/R	S Al 5356 (AlMg5Cr(A)) ER/R 5356	95	-	5	-	571	635	250	115	17
	Al Mg 2.7 Mn W/R	S Al 5554 (AlMg2,7Mn) ER/R 5554	96	-	2,7	Mn 0,7	624	646	220	110	17
	Al Mg 4.5 Mn W/R	S Al 5183 (AlMg4,5Mn0,7(A)) ER/R 5183	94	-	4,5	Mn 0,7	568	638	278	135	15
	Al Mg 5 Mn W/R	S Al 5556A (AlMg5Mn1(A)) ER/R 5556A	94	-	5	Mn 0,7	568	635	280	135	15
	Al Mg 4.5 MnZr W/R	S Al 5087 (AlMg4,5MnZr(A)) ER/R 5087	94	-	4,5	Mn 0,7 Zr 0,15	568	638	278	135	15

Al 99.7 W/R

EN ISO 18273 - S Al 1070 (Al99,7)
AWS A5.10: ER/R 1070

Characteristics: Not heat-treatable wrought pure Aluminium 1xxx group.

Description: Pure Aluminium with high conductivity and corrosion resistance.

Application: Used for GMAW and GTAW welding processes in chemistry, electronics, construction and food industries. Al 99,7% alloy is used for flame and arc spray metallizing.

Approvals: -

Chemical composition according to EN ISO 18273 [%]:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	V	Ga	Ti	Zr	Al	Be	other each	other total
min.	-	-	-	-	-	-	-	-	-	-	-	99.70	-	-	-
max.	0.20	0.25	0.04	0.03	0.03	-	0.04	0.05	-	0.03	-	-	0.0003	0.03	-

Remark: maximum value unless shown as a range or a minimum.

Mechanical properties: (as-welded)

min R _m [N/mm ²]	80
Rp 0,2 [N/mm ²]	35
A [%]	30
Solidus [°C]	647
Liquidus [°C]	658

Gas: EN ISO 14175 – I1 (Ar), I3 (Ar-He)

Winding: precision layer wound wire

Polarity: MIG=+ TIG ~

Available sizes:

Wire: diam. 0.80-1.00-1.20-1.60-2.00-2.40-3.17 mm

D100 0,5 kg plastic spool
D200 2,0 kg plastic spool
D300 7,0 kg plastic spool 6,0 kg @ d.0.8 mm
BS300 7,0 kg basket spool
K415 10 kg basket ring
D355 18 kg plastic spool
B400 40 kg basket spool

Round drum 80 kg – SQUARE173 173 kg

Rods: diam 1.60-2.00-2.40-3.20-4.00-5.00 mm x 1000 mm
10 kg – 5 kg cardboard box

Both wire and rods available in FIDAT boxes or neutral boxes

Al 99.8 W/R

EN ISO 18273 - S Al 1080A (Al99,8(A))
AWS A5.10: ER/R 1080A

Characteristics: Not heat-treatable wrought pure Aluminium 1xxx group.

Description: Pure Aluminium with high conductivity and corrosion resistance.

Application: high purity aluminium, used for GMAW and GTAW welding processes in chemistry, electronics, construction and food industries. Al 99,8% alloy is used for flame and arc spray metallizing and also in vacuum metallizing.

Approvals: -

Chemical composition according to EN ISO 18273 [%]:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	V	Ga	Ti	Zr	Al	Be	other each	other total
min.	-	-	-	-	-	-	-	-	-	-	-	99.80	-	-	-
max.	0.15	0.15	0.03	0.02	0.02	-	0.06	-	0.03	0.02	-	-	0.0003	0.02	-

Remark: maximum value unless shown as a range or a minimum.

Mechanical properties: (as-welded)

min R _m [N/mm ²]	85
Rp 0,2 [N/mm ²]	35
A [%]	30
Solidus [°C]	647
Liquidus [°C]	658

Gas: EN ISO 14175 – I1 (Ar), I3 (Ar-He)

Winding: precision layer wound wire

Polarity: MIG=+ TIG ~

Available sizes:

Wire: diam. 0.80-1.00-1.20-1.60-2.00-2.40-3.17 mm

D100 0,5 kg plastic spool
D200 2,0 kg plastic spool
D300 7,0 kg plastic spool 6,0 kg @ d.0.8 mm
BS300 7,0 kg basket spool
K415 10 kg basket ring
D355 18 kg plastic spool
B400 40 kg basket spool

Round drum 80 kg – SQUARE173 173 kg

Rods: diam 1.60-2.00-2.40-3.20-4.00-5.00 mm x 1000 mm
10 kg – 5 kg cardboard box

Both wire and rods available in FIDAT boxes or neutral boxes

Al 99.0 Cu W/R

EN ISO 18273 - S Al 1100 (Al99,0Cu)
AWS A5.10: ER/R 1100

Characteristics: Not heat-treatable wrought pure Aluminium 1xxx group.

Description: Pure Aluminium with high conductivity and corrosion resistance.

Application: used for GMAW and GTAW welding processes, this alloy is highly resistant to chemical attack and weathering. Al99,0Cu alloy is used also for flame and arc spray metallizing.

Approvals: -

Chemical composition according to EN ISO 18273 [%]:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	V	Ga	Ti	Zr	Al	Be	other each	other total
min.	-	-	0.05	-	-	-	-	-	-	-	-	99.00	-	-	-
max.	Si + Fe 0.95	0.20	0.05	-	-	-	0.10	-	-	-	-	-	0.0003	0.05	0.15

Remark: maximum value unless shown as a range or a minimum.

Mechanical properties: (as-welded)

min R_m [N/mm²]	85
Rp 0,2 [N/mm²]	38
A [%]	30
Solidus [°C]	647
Liquidus [°C]	658

Gas: EN ISO 14175 – I1 (Ar), I3 (Ar-He)

Winding: precision layer wound wire

Polarity: MIG=+ TIG ~

Available sizes:

Wire: diam. 0.80-1.00-1.20-1.60-2.00-2.40-3.17 mm

D100 0,5 kg plastic spool
D200 2,0 kg plastic spool
D300 7,0 kg plastic spool 6,0 kg @ d.0.8 mm
BS300 7,0 kg basket spool
K415 10 kg basket ring
D355 18 kg plastic spool
B400 40 kg basket spool

Round drum 80 kg – SQUARE173 173 kg

Rods: diam 1.60-2.00-2.40-3.20-4.00-5.00 mm x 1000 mm
10 kg – 5 kg cardboard box

Both wire and rods available in FIDAT boxes or neutral boxes

Al Si 5 W/R

EN ISO 18273 - S Al 4043 (AlSi5)
AWS A5.10: ER/R 4043

Characteristics: wrought aluminium alloy for filler metals purposes.

Description: Al Si 5 is a silicon alloyed aluminum welding wire for GTAW and GMAW. It's used to weld Al-Si and Al-Mg-Si alloys. Suitable for welding cast aluminum and wrought alloys containing up to 7% Si. Al Si 5 has excellent flow characteristics and it's not recommended for anodizing.

Application: automotive components, furniture, carpentry.

Approvals: CE, VdTÜV, DB, CWB.

Chemical composition according to EN ISO 18273 [%]:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	V	Ga	Ti	Zr	Al	Be	other each	other total
min.	4.50	-	-	-	-	-	-	-	-	-	-	rem.	-	-	-
max.	6.00	0.80	0.30	0.05	0.05	-	0.10	-	-	0.20	-	-	0.0003	0.05	0.15

Remark: maximum value unless shown as a range or a minimum.

Mechanical properties: (as-welded)

min R_m [N/mm²]	120
Rp 0,2 [N/mm²]	60
A [%]	15
Solidus [°C]	573
Liquidus [°C]	632

Gas: EN ISO 14175 – I1 (Ar), I3 (Ar-He)

Winding: precision layer wound wire

Polarity: MIG=+ TIG ~

Available sizes:

Wire: diam. 0.80-1.00-1.20-1.60-2.00-2.40-3.17 mm

D100	0,5 kg	plastic spool	
D200	2,0 kg	plastic spool	
D300	7,0 kg	plastic spool	6,0 kg @ d.0.8 mm
BS300	7,0 kg	basket spool	
K415	10 kg	basket ring	
D355	18 kg	plastic spool	
B400	40 kg	basket spool	

Round drum 80 kg – SQUARE173 173 kg

Rods: diam 1.60-2.00-2.40-3.20-4.00-5.00 mm x 1000 mm
10 kg – 5 kg cardboard box

Both wire and rods available in FIDAT boxes or neutral boxes

Al Si 12 W/R

EN ISO 18273 - S Al 4047A (AlSi12(A))
AWS A5.10: ER/R 4047A

Characteristics: wrought aluminium alloy for filler metals purposes

Description: Al Si 12 is a high silicon alloyed aluminium welding wire for welding Al-Si alloys with more than 7% silicon content. Thanks to its low melting temperature, that minimize parent metal distortions, Al Si 12 is very often used to braze cast aluminium components, wrought alloys, extrusions and sheets. When used with flame torch, it's recommended to use the alloy with our flux KIROBRASAL or KIROBRASAL NEUTRO. This alloy has excellent flow characteristics . Al Si 12 is not recommended when anodising is required.

Application: car industries, refrigeration, heat exchanger, conditioning.

Approvals: CE, VdTÜV, DB, CWB

Chemical composition according to EN ISO 18273 [%]:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	V	Ga	Ti	Zr	Al	Be	other each	other total
min.	11.00	-	-	-	-	-	-	-	-	-	-	rem.	-	-	-
max.	13.00	0.60	0.30	0.15	0.10	-	0.20	-	-	0.15	-	-	0.0003	0.05	0.15

Remark: maximum value unless shown as a range or a minimum.,

Mechanical properties: (as-welded)

min R_m [N/mm²]	130
Rp 0,2 [N/mm²]	70
A [%]	13
Solidus [°C]	573
Liquidus [°C]	585

Gas: EN ISO 14175 – I1 (Ar), I3 (Ar-He)

Winding: precision layer wound wire

Polarity: MIG=+ TIG ~

Available sizes:

Wire: diam. 0.80-1.00-1.20-1.60-2.00-2.40-3.17 mm

D100 0,5 kg plastic spool
D200 2,0 kg plastic spool
D300 7,0 kg plastic spool 6,0 kg @ d.0.8 mm
BS300 7,0 kg basket spool
K415 10 kg basket ring
D355 18 kg plastic spool
B400 40 kg basket spool

Round drum 80 kg – SQUARE173 173 kg

Rods: diam 1.60-2.00-2.40-3.20-4.00-5.00 mm x 1000 mm
10 kg – 5 kg cardboard box

Both wire and rods available in FIDAT boxes or neutral boxes

Al Mg 3 W/R

EN ISO 18273 - S Al 5754 (AlMg3)
AWS A5.10: ER/R 5754

Characteristics: wrought aluminium alloy for filler metals purposes

Description: aluminium alloy for GMAW and GTAW welding of Al Mg, Al Mn, Al Mg Si and Al Zn Mg alloys with a Mg content up to 3%. Al Mg 3 has good corrosion-resistance and it's frequently used to weld 5xxx and 6xxx series base material that have to be anodized. Very good esthetical results after anodizing (excellent colour match).

Application: construction sector in general, outdoor furnitures (gardens, beach) and structural industry.

Approvals: -

Chemical composition according to EN ISO 18273 [%]:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	V	Ga	Ti	Zr	Al	Be	other each	other total
min.	-	-	-	-	2.60	-	-	-	-	-	-	rem.	-	-	-
max.	0.40	0.40	0.10	0.50	3.60	0.30	0.20	-	-	0.15	-	-	0.0003	0.05	0.15

Remark: maximum value unless shown as a range or a minimum. Mn+Cr 0.10-0.60

Mechanical properties: (as-welded)

min R_m [N/mm²]	190
Rp 0,2 [N/mm²]	80
A [%]	20
Solidus [°C]	560
Liquidus [°C]	630

Gas: EN ISO 14175 – I1 (Ar), I3 (Ar-He)

Winding: precision layer wound wire

Polarity: MIG=+ TIG ~

Available sizes:

Wire: diam. 0.80-1.00-1.20-1.60-2.00-2.40-3.17 mm

D100 0,5 kg plastic spool
D200 2,0 kg plastic spool
D300 7,0 kg plastic spool 6,0 kg @ d.0.8 mm
BS300 7,0 kg basket spool
K415 10 kg basket ring
D355 18 kg plastic spool
B400 40 kg basket spool

Round drum 80 kg – SQUARE173 173 kg

Rods: diam 1.60-2.00-2.40-3.20-4.00-5.00 mm x 1000 mm
10 kg – 5 kg cardboard box

Both wire and rods available in FIDAT boxes or neutral boxes

Al Mg 5 W/R

EN ISO 18273 - S Al 5356 (AlMg5Cr(A))
AWS A5.10: ER/R 5356

Characteristics: wrought aluminium alloy for filler metals purposes

Description: aluminium alloy for GMAW and GTAW welding but also for other special welding processes of Al Mg, Al Mn, Al Mg Si and Al Zn Mg alloys. Al Mg 5 has good corrosion-resistance and it's frequently used to weld 5xxx and 6xxx series base material that have to be anodized. AlMg5 is not suitable in the application at high temperature ($T_{work} > 65^{\circ}C$).

Application: bikes and motorbikes frames, automotive car body components, fixed and dump bodies, side panel loading, fuel air tanks, metal furnitures, ladders, loading ramps, lifting footboards, ship upper desk.

Approvals: CE, RINA, Lloyd's Register, Bureau Veritas, American Bureau of Shipping, RMRS, VdTÜV, DB, DNV, GL, CWB

Chemical composition according to EN ISO 18273 [%]:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	V	Ga	Ti	Zr	Al	Be	other each	other total
min.	-	-	-	0.05	4.50	0.05	-	-	-	0.06	-	rem.	-	-	-
max.	0.25	0.40	0.10	0.20	5.50	0.20	0.10	-	-	0.20	-		0.0003	0.05	0.15

Remark: maximum value unless shown as a range or a minimum.

Mechanical properties: (as-welded)

min R_m [N/mm ²]	250
$R_p 0,2$ [N/mm ²]	115
A [%]	17
Solidus [°C]	571
Liquidus [°C]	635

Gas: EN ISO 14175 – I1 (Ar), I3 (Ar-He)

Winding: precision layer wound wire

Polarity: MIG=+ TIG ~

Available sizes:

Wire: diam. 0.80-1.00-1.20-1.60-2.00-2.40-3.17 mm

D100	0,5 kg	plastic spool	
D200	2,0 kg	plastic spool	
D300	7,0 kg	plastic spool	6,0 kg @ d.0.8 mm
BS300	7,0 kg	basket spool	
K415	10 kg	basket ring	
D355	18 kg	plastic spool	
B400	40 kg	basket spool	

Round drum 80 kg – SQUARE173 173 kg

Rods: diam 1.60-2.00-2.40-3.20-4.00-5.00 mm x 1000 mm
10 kg – 5 kg cardboard box

Both wire and rods available in FIDAT boxes or neutral boxes

Al Mg 2.7 Mn W/R

EN ISO 18273 - S Al 5554 (AlMg_{2,7}Mn)
AWS A5.10: ER/R 5554

Characteristics: wrought aluminium alloy for filler metals purposes.

Description: aluminium alloy for GMAW and GTAW welding. AlMg_{2,7}Mn has been specially designed to avoid the risk of Stress Corrosion Cracking in the application at high temperature ($T_{work} > 65^{\circ}\text{C}$). It's used to weld 5454 alloy, even in heterogeneous welding with 6xxx alloys.

Application: construction of chemical storage tanks, structural industry, application at high T.

Approvals: CE, VdTÜV, DB.

Chemical composition according to EN ISO 18273 [%]:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	V	Ga	Ti	Zr	Al	Be	other each	other total
min.	-	-	-	0.50	2.40	0.05	-	-	-	0.05	-	rem.	-	-	-
max.	0.25	0.40	0.10	1.00	3.00	0.20	0.25	-	-	0.20	-		0.0003	0.05	0.15

Remark: maximum value unless shown as a range or a minimum.

Mechanical properties: (as-welded)

min R_m [N/mm²]	220
Rp 0,2 [N/mm²]	110
A [%]	17
Solidus [°C]	624
Liquidus [°C]	646

Gas: EN ISO 14175 – I1 (Ar), I3 (Ar-He)

Winding: precision layer wound wire

Polarity: MIG=+ TIG ~

Available sizes:

Wire: diam. 0.80-1.00-1.20-1.60-2.00-2.40-3.17 mm

D100 0,5 kg plastic spool
D200 2,0 kg plastic spool
D300 7,0 kg plastic spool 6,0 kg @ d.0.8 mm
BS300 7,0 kg basket spool
K415 10 kg basket ring
D355 18 kg plastic spool
B400 40 kg basket spool

Round drum 80 kg – SQUARE173 173 kg

Rods: diam 1.60-2.00-2.40-3.20-4.00-5.00 mm x 1000 mm
10 kg – 5 kg cardboard box

Both wire and rods available in FIDAT boxes or neutral boxes

Al Mg 4.5 Mn W/R

EN ISO 18273 - S Al 5183 (AlMg4,5Mn0,7(A))
AWS A5.10: ER/R 5183

Characteristics: wrought aluminium alloy for filler metals purposes.

Description: Al Mg Mn welding wires and rods for GMAW and GTAW welding, with an high tensile and corrosion strength. To be used with Al Mn, Al Mg, Al Mg Si, Al Zn with a working temperature below 65,5°C. AlMg4,5Mn, in the as-welded conditions, meets the tensile specification requirements of alloy 5083.

Application: shipyards, storage tanks, structural industry, cryogenics application.

Approvals: CE, RINA, Lloyd's Register, Bureau Veritas, American Bureau of Shipping, RMRS, VdTÜV, DB, DNV, GL, CWB.

Chemical composition according to EN ISO 18273 [%]:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	V	Ga	Ti	Zr	Al	Be	other each	other total
min.	-	-	-	0.50	4.30	0.05	-	-	-	-	-	rem.	-	-	-
max.	0.40	0.40	0.10	1.00	5.20	0.25	0.25	-	-	0.15	-	-	0.0003	0.05	0.15

Remark: maximum value unless shown as a range or a minimum.

Mechanical properties: (as-welded)

min R_m [N/mm²]	278
Rp 0,2 [N/mm²]	135
A [%]	15
Solidus [°C]	568
Liquidus [°C]	638

Gas: EN ISO 14175 – I1 (Ar), I3 (Ar-He)

Winding: precision layer wound wire

Polarity: MIG=+ TIG ~

Available sizes:

Wire: diam. 0.80-1.00-1.20-1.60-2.00-2.40-3.17 mm

D100 0,5 kg plastic spool
D200 2,0 kg plastic spool
D300 7,0 kg plastic spool 6,0 kg @ d.0.8 mm
BS300 7,0 kg basket spool
K415 10 kg basket ring
D355 18 kg plastic spool
B400 40 kg basket spool

Round drum 80 kg – SQUARE173 173 kg

Rods: diam 1.60-2.00-2.40-3.20-4.00-5.00 mm x 1000 mm
10 kg – 5 kg cardboard box

Both wire and rods available in FIDAT boxes or neutral boxes

Al Mg 5 Mn W/R

EN ISO 18273 - S Al 5556A (AlMg5Mn1(A))
AWS A5.10: ER/R 5556A

Characteristics: wrought aluminium alloy for filler metals purposes.

Description: Al Mg Mn welding wires and rods for GMAW and GTAW welding. Between the non heat treatable alloys, AlMg5Mn filler metal provide the highest tensile strength in the as-welded conditions. Not suitable if the working temperature of the welded piece is higher than 65 °C.

Application: shipyards, storage tanks, structural industry, cryogenics application

Approvals: -

Chemical composition according to EN ISO 18273 [%]:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	V	Ga	Ti	Zr	Al	Be	other each	other total
min.	-	-	-	0.60	5.00	0.05	-	-	-	0.05	-	rem.	-	-	-
max.	0.25	0.40	0.10	1.00	5.50	0.20	0.20	-	-	0.20	-		0.0003	0.05	0.15

Remark: maximum value unless shown as a range or a minimum.

Mechanical properties: (as-welded)

min R_m [N/mm²]	280
Rp 0,2 [N/mm²]	135
A [%]	15
Solidus [°C]	568
Liquidus [°C]	635

Gas: EN ISO 14175 – I1 (Ar), I3 (Ar-He)

Winding: precision layer wound wire

Polarity: MIG=+ TIG ~

Available sizes:

Wire: diam. 0.80-1.00-1.20-1.60-2.00-2.40-3.17 mm

D100 0,5 kg plastic spool
D200 2,0 kg plastic spool
D300 7,0 kg plastic spool 6,0 kg @ d.0.8 mm
BS300 7,0 kg basket spool
K415 10 kg basket ring
D355 18 kg plastic spool
B400 40 kg basket spool

Round drum 80 kg – SQUARE173 173 kg

Rods: diam 1.60-2.00-2.40-3.20-4.00-5.00 mm x 1000 mm
10 kg – 5 kg cardboard box

Both wire and rods available in FIDAT boxes or neutral boxes

Al Mg 4.5 Mn Zr W/R

EN ISO 18273 - S Al 5087 (AlMg4,5MnZr(A))
AWS A5.10: ER/R 5087

Characteristics: wrought aluminium alloy for filler metals purposes.

Description: Al Mg Mn welding wires and rods for GMAW and GTAW welding with high tensile strength and corrosion resistance. To be used with Al-Mn, Al-Mg, Al-Mg-Si, Al-Zn alloys with a working temperature below 65.5 °C. The Zirconium content acts as a grain refiner, improving the toughness and corrosion resistance of the alloy. Al Mg 4.5 Mn Zr alloy has a reduced risk of hot cracks compared to the 5183 alloy.

Application: shipyards, storage tanks, structural industry, cryogenics application

Approvals: CE, VdTÜV, DB

Chemical composition according to EN ISO 18273 [%]:

	Si	Fe	Cu	Mn	Mg	Cr	Zn	V	Ga	Ti	Zr	Al	Be	other each	other total
min.	-	-	-	0.70	4.50	0.05	-	-	-	-	0.10	rem.	-	-	-
max.	0.25	0.40	0.05	1.10	5.20	0.25	0.25	-	-	0.15	0.20		0.0003	0.05	0.15

Remark: maximum value unless shown as a range or a minimum.

Mechanical properties: (as-welded)

min R_m [N/mm²]	278
R_p 0,2 [N/mm²]	135
A [%]	17
Solidus [°C]	568
Liquidus [°C]	638

Gas: EN ISO 14175 – I1 (Ar), I3 (Ar-He)

Winding: precision layer wound wire

Polarity: MIG=+ TIG ~

Available sizes:

Wire: diam. 0.80-1.00-1.20-1.60-2.00-2.40-3.17 mm

D100 0,5 kg plastic spool
D200 2,0 kg plastic spool
D300 7,0 kg plastic spool 6,0 kg @ d.0.8 mm
BS300 7,0 kg basket spool
K415 10 kg basket ring
D355 18 kg plastic spool
B400 40 kg basket spool

Round drum 80 kg – SQUARE173 173 kg

Rods: diam 1.60-2.00-2.40-3.20-4.00-5.00 mm x 1000 mm
10 kg – 5 kg cardboard box

Both wire and rods available in FIDAT boxes or neutral boxes