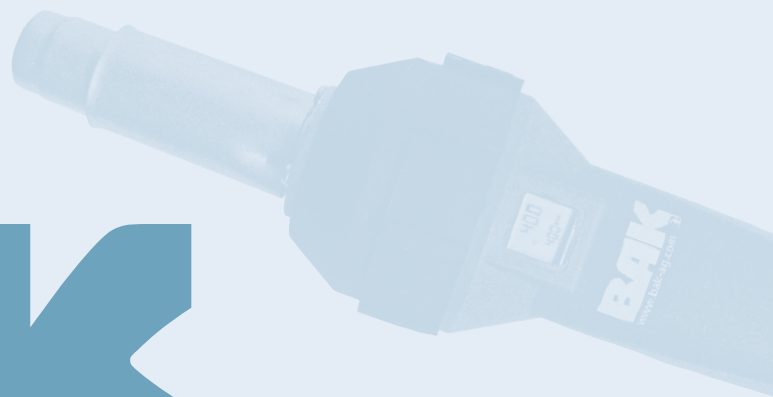
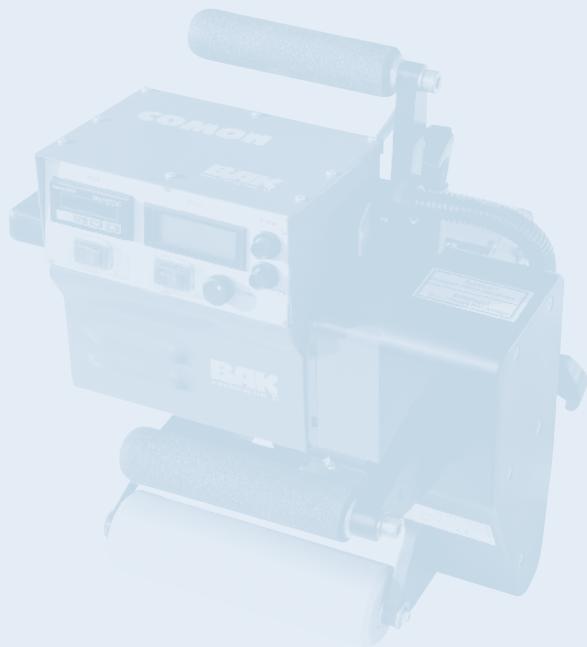


# HEAT ON

## Plastic welding machines



# BAK

[www.bak-ag.com](http://www.bak-ag.com)

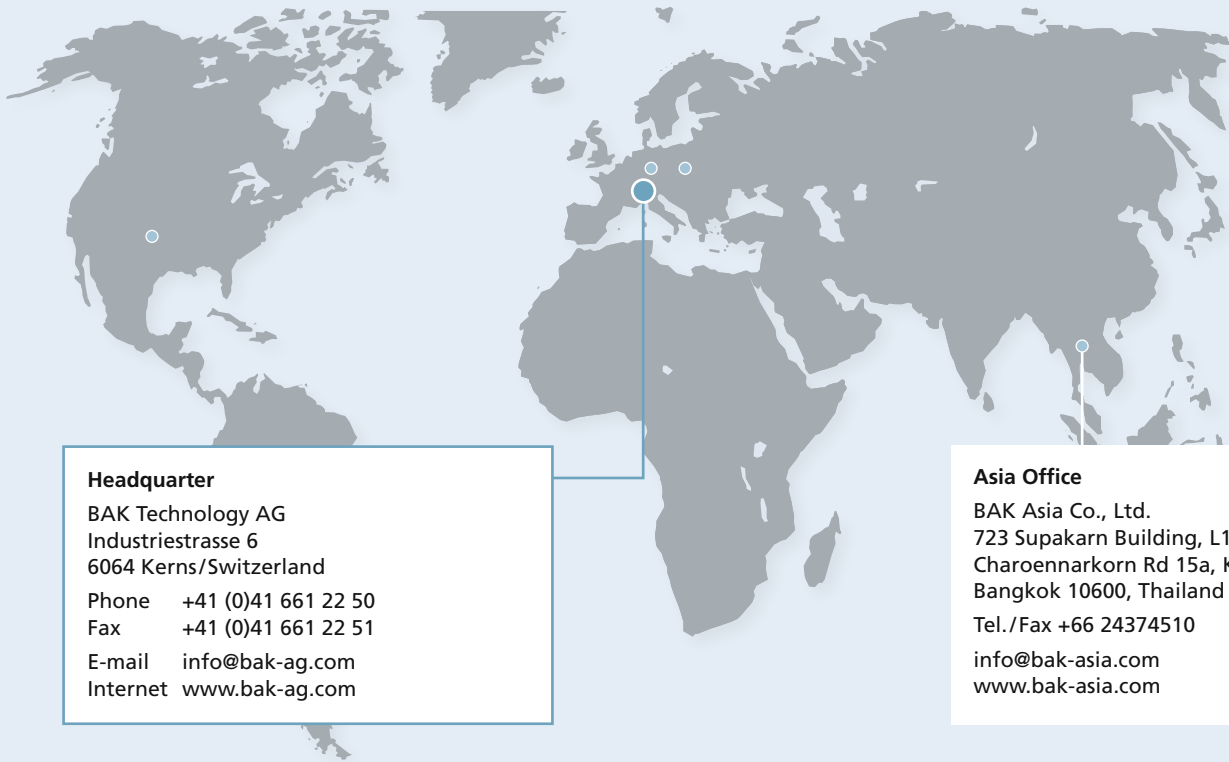


BAK Technology AG  
Industriestrasse 6  
6064 Kerns / Switzerland

E-Mail [info@bak-ag.com](mailto:info@bak-ag.com)  
Telefon +41 (0)41 661 22 50  
Fax +41 (0)41 661 22 51

*quality  
wins!*

# HEAT ON



## Headquarter

BAK Technology AG  
Industriestrasse 6  
6064 Kerns/Switzerland  
Phone +41 (0)41 661 22 50  
Fax +41 (0)41 661 22 51  
E-mail [info@bak-ag.com](mailto:info@bak-ag.com)  
Internet [www.bak-ag.com](http://www.bak-ag.com)

## Asia Office

BAK Asia Co., Ltd.  
723 Supakarn Building, L18  
Charoennarkorn Rd 15a, Klongsarn  
Bangkok 10600, Thailand  
Tel./Fax +66 24374510  
[info@bak-asia.com](mailto:info@bak-asia.com)  
[www.bak-asia.com](http://www.bak-asia.com)

BAK Technology AG is a leading manufacturer of plastic welding equipment, extruder, air heaters and blowers.

We present the best solutions for plastic fabrication, pipe construction, roofing, civil engineering, tunnelling, process heat, tarpaulins, flooring and much more.

BAK is a traditional Swiss company with head quarter in Kerns, Obwalden. Our production- and development facilities are in Switzerland, Germany and Austria.

We are offering a wide range of machines and accessories:

- Hot air tools (hand held)
- Wedge welding machines
- Hand extrusion welders
- Industrial heaters
- Heating- & folding machines
- Hot air welding machines
- Hot air blowers
- Industrial extruder
- Industrial blowers
- Test equipment

**BAK, quality wins! Best quality products and customer service are the most important to us!**

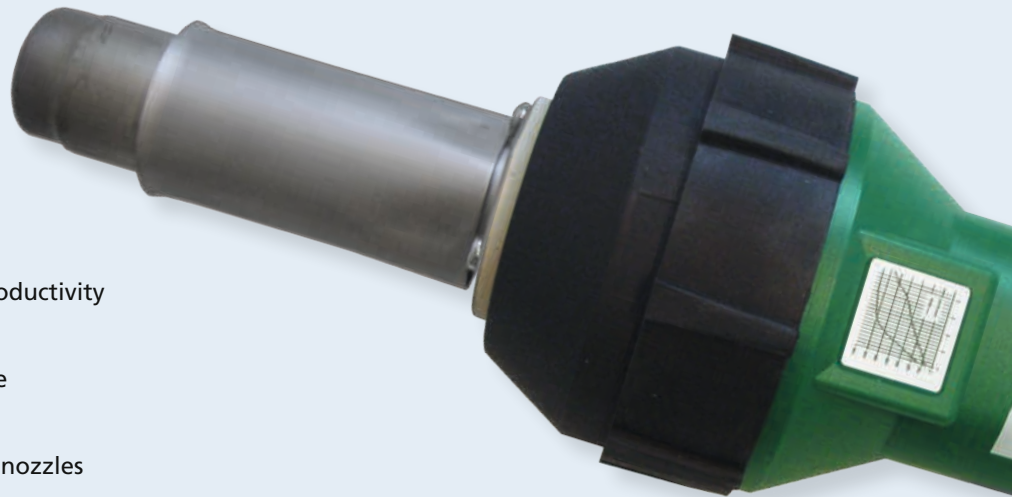
Through our experience of many years and the continuous development within the market we make sure to only offer best quality and service to our demanding customers. We guarantee ideal customer service all over the world with the trustful partnership to our distributors who are placed in over 40 countries.

Hot air welding tool

# RION

## Field tested, cost-effective, handy

- optimal performance / best price
- high speed welding enables high productivity
- stepless adjustment of temperature
- easy welding with ergonomic handle
- high quality
- heater tube for push fit or screw on nozzles
- large accessories range



The high-performance hand gun to weld all different types of thermoplastic materials, for roofing, flooring, tarps, plastic fabrication and many more.

#### Technical data

Voltage	V	120/230
Frequency	Hz	50/60
Power consumption	W	1600
Temperature	°C	20–650
Air flow	l/min	approx. 250
Static pressure	Pa	approx. 3000
Noise level	dB	64
Size	mm	100 x 340, handle Ø 56
Weight	kg	1,3 with cord
Markings		CE

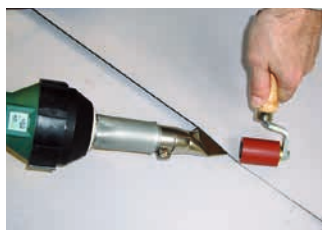
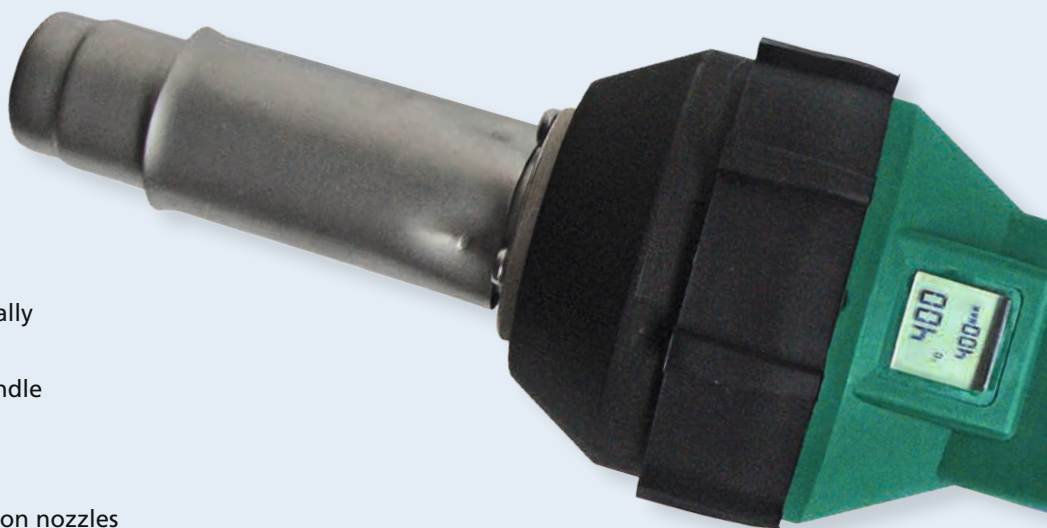
On request also available with brushless motor.

Hot air welding tool

# RION DIGITAL

Ergonomic,  
reliable,  
precise

- digital read out of set and actual temperature
- stepless adjustment of electronically controlled temperature
- easy welding with ergonomic handle
- light and handy
- high quality
- heater tube for push fit or screw on nozzles
- large accessories range



We made welding easy for you! The practical digital hot air welding gun with ergonomic handle for the welding of all kinds of thermoplastics.

#### Technical data

Voltage	V	120/230
Frequency	Hz	50/60
Power consumption	W	1600
Temperature	°C	20–600
Air flow	l/min	approx. 250
Static pressure	Pa	approx. 3000
Noise level	dB	64
Size	mm	100 x 340, handle Ø 56
Weight	kg	1,3 with cord
Markings		CE

On request also available with brushless motor.

Semi-automatic welding machine

# MICON, MICON E

Innovative,  
light,  
smart

- stable and robust design
- speed and temperature stepless adjustable
- for the welding of thermoplastic membranes
- constant temperature and speed
- easy to handle
- pressure is given manual



The economic driven hand tool. Closes the gap between hand welding tool and automatic welding machine.

Available for 30 or 40 mm welding seam.

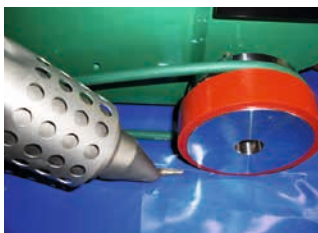
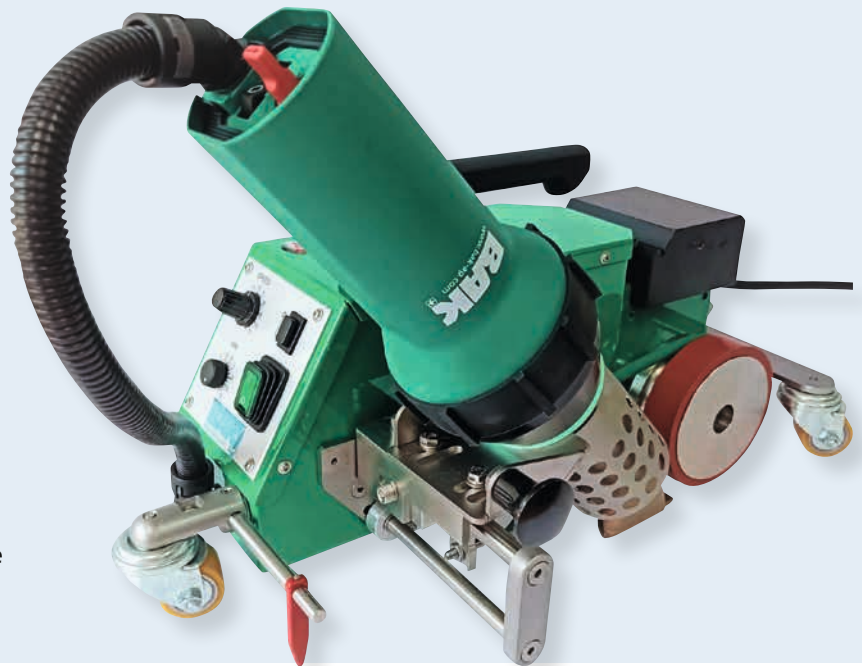
#### Technical data

Voltage	V	230/120
Frequency	Hz	50/60
Power consumption	W	2100/1700
Temperature	°C	20-600
Speed	m/min	max. 4
Size (l x w x h)	mm	400 x 170 x 330
Weight	kg	6,8
Markings		CE

# PLANON

Simple,  
robust,  
competitive

- for welding of coated fabrics, foils billboards, banners and tarps
- robust and mature technology
- automatic drive start system
- high welding speed
- economic and user-friendly
- adjustment of welding speed and temperature with potentiometer



Simple to operate and very reliable because of robust design. Available for 20, 30 or 40 mm width welding seam.

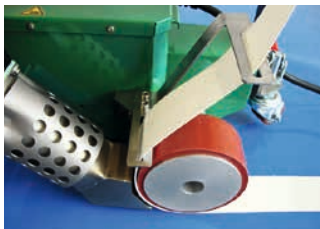
#### Technical data

Voltage	V	230/120
Frequency	Hz	50/60
Power consumption	W	3400/2900
Temperature	°C	20-600
Speed	m/min	0,5-12
Air flow max. (20°C)	l/min	500
Air flow	%	50-100 variable
Noise level	dB	50
Size (l x w x h)	mm	460 x 360 x 310
Weight	kg	14 with 5 m cord
Protection class I		⊕
Markings		CE

# PLANON-BAND

Clever,  
inexpensive,  
efficient

- for welding of thermoplastic tapes
- approved and robust technology
- automatic drive start system
- economic and user-friendly
- stepless adjustment of speed and temperature with potentiometer



For welding of tapes and curtain tapes on truck covers. Available for 40 or 50 mm width tapes.

Technical data		
Voltage	V	230
Frequency	Hz	50/60
Power consumption	W	3700
Temperature	°C	20–600
Speed	m/min	0,5–12
Air flow max. (20°C)	l/min	500
Air flow	%	50–100 stepless
Noise level LpA	dB	50
Size (l x w x h)	mm	460 x 360 x 640
Weight	kg	18 with 5 m cord
Protection class I		⊕
Markings		CE

# ACCESSORIES



**Pressure roller 28 mm (silicon)**  
Order no. 5106977



**Pressure roller with ball bearings (brass)**  
Order no. 5106972



**Angled nozzle (Ø 32 mm) 20 mm 90°**  
push fit  
Order no. 5107124



**Pressure roller 40 mm (silicon)**  
Order no. 5106975



**Fillet coater**  
Order no. 5201324



**Angled nozzle (Ø 32 mm) 20 mm 60°**  
push fit  
Order no. 5107125



**Pressure roller 28 mm (PTFE)**  
Order no. 5106976



**Chamfer plane**  
Order no. 5201445



**Wide slot nozzle (Ø 32 mm) 30 x 2 mm 15°**  
push fit  
Order no. 5105494



**Pressure roller 40 mm (PTFE)**  
Order no. 5106971



**Hand grooving tool**  
Order no. 5106966



**Wide slot nozzle (Ø 32 mm) 40 mm**  
push fit  
Order no. 5107132



**Pressure roller power**  
Silicon 40 mm      5106983  
PTFE 40mm      5106984



**Spatula**  
Order no. 5106969



**Wide slot nozzle (Ø 32 mm) 40 mm perforated**  
push fit  
Order no. 5107133



**Pressure roller 80 mm (silicon)**  
Order no. 5106974



**Spatula slide**  
Order no. 5200092



**Angled nozzle SP20**  
right      Order no. 6660004  
left      Order no. 6660005



**Pressure roller 90 mm (PTFE)**  
Order no. 5800226



**Wide slot nozzle (Ø 32 mm) 20 mm**  
push fit  
Order no. 5107123



**Wide slot nozzle (Ø 50 mm) 70 x 10 mm**  
Order no. 5107258

# ACCESSORIES



**Wide slot nozzle**  
(Ø 50 mm) 75 x 2 mm  
Order no. 5107266



**Tacking nozzle**  
screw on M14  
Order no. 5106988



**Adapter with thread**  
M10 (Ø 32 mm)  
Order no. 5201013



**Wide slot nozzle**  
(Ø 50 mm) 150 x 12 mm  
Order no. 5107270



**Drawing nozzle**  
screw on M14  
Round 3 mm 5113876  
Round 4 mm 5113874  
Round 5 mm 5113875



**Adapter with thread**  
M14 (Ø 32 mm)  
Order no. 5201014



**Tubular nozzle**  
(Ø 32 mm) 5 mm  
push fit  
Order no. 5100303



**Drawing nozzle with tacking tip**  
screw on M14  
Round 3 mm 5113666  
Round 4 mm 5113399  
Round 5 mm 5113873



**Sieve reflector**  
10 x 12 mm (Ø 8,25 mm)  
push fit  
on tubular nozzle 5 mm  
Order no. 5107324



**Tacking nozzle**  
push fit  
on tubular nozzle 5 mm  
Order no. 5106996



**Drawing nozzle without tacking tip**  
screw on M14  
Profile 5,7 mm 5113877  
Profile 7,0 mm 5106986



**Sieve reflector**  
(Ø 32 mm) 35 x 20 mm  
Order no. 6107338



**Speed welding nozzle**  
push fit  
on tubular nozzle 5 mm  
Round 3 mm 5106989  
Round 4 mm 5106990  
Round 5 mm 5106991



**Draw nozzle with tacking tip**  
screw on M14  
Profile 5,7 mm 5113670  
Profile 7,0 mm 5113671



**Sieve reflector**  
(Ø 32 mm) 50 x 35 mm  
Order no. 6107337



**Speed welding nozzle**  
push fit  
on tubular nozzle 5 mm  
Profile 5,7 mm 5106992  
Profile 7,0 mm 5106993



**Angled adapter**  
25° angular  
for draw nozzle M14  
Order no. 5201020



**Scraper short** 100 mm  
Order no. 5200142



**Tubular nozzle 5 mm**  
screw on M14  
Order no. 5105622



**Angled adapter**  
40° angular  
for draw nozzle M14  
Order no. 5201021



**Scraper long** 220 mm  
Order no. 5200143



**Scraper**  
Order no. 5106967



**Keder kit PlanOn**  
20 mm Order no. 5230189  
30 mm Order no. 5230192  
40 mm Order no. 5230193



**JAMAS Membrane cutter**  
Order no. 5201230



**Scraper 2 edge**  
Order no. 5201470



**Guide handle  
ProtOn / SteepOn**  
Order no. 6600298



**Test needle PVC**  
Order no. 5201700



**Scraper 3 edge**  
Order no. 5201440



**Walking support MicOn**  
Order no. 6600319



**Test needle PE**  
Order no. DX073



**Scraper with  
double handle**  
Order no. 5200140



**Bitumen welding kit  
LarOn**  
80 mm Order no. 6108923  
100 mm Order no. 6108924



**Tensiometer Handy**  
Order no. 5200171



**Welding seam planer**  
Order no. 5200146



**Metal case  
RiOn / ErOn**  
Order no. 5201000



**Sheet puller**  
Order no. DX071



**Hook knife  
with cover**  
Order no. 5800000



**Metal case LarOn**  
Order no. 5201001



**Carbide blade**  
for RotOn  
Round 2,8 mm 6102403  
Round 3,5 mm 6102405  
Trapeze 3,5 mm 6102401



**Hem kit PlanOn**  
Adjustable for hem width  
20, 25, 30, 35, 40 mm  
Order no. 5230109



**Metal case  
PlanOn / RoofOn /  
ComOn / SteepOn / ProtOn**  
Order no. 5201008  
**RoofOn Multi**  
Order no. 5232551



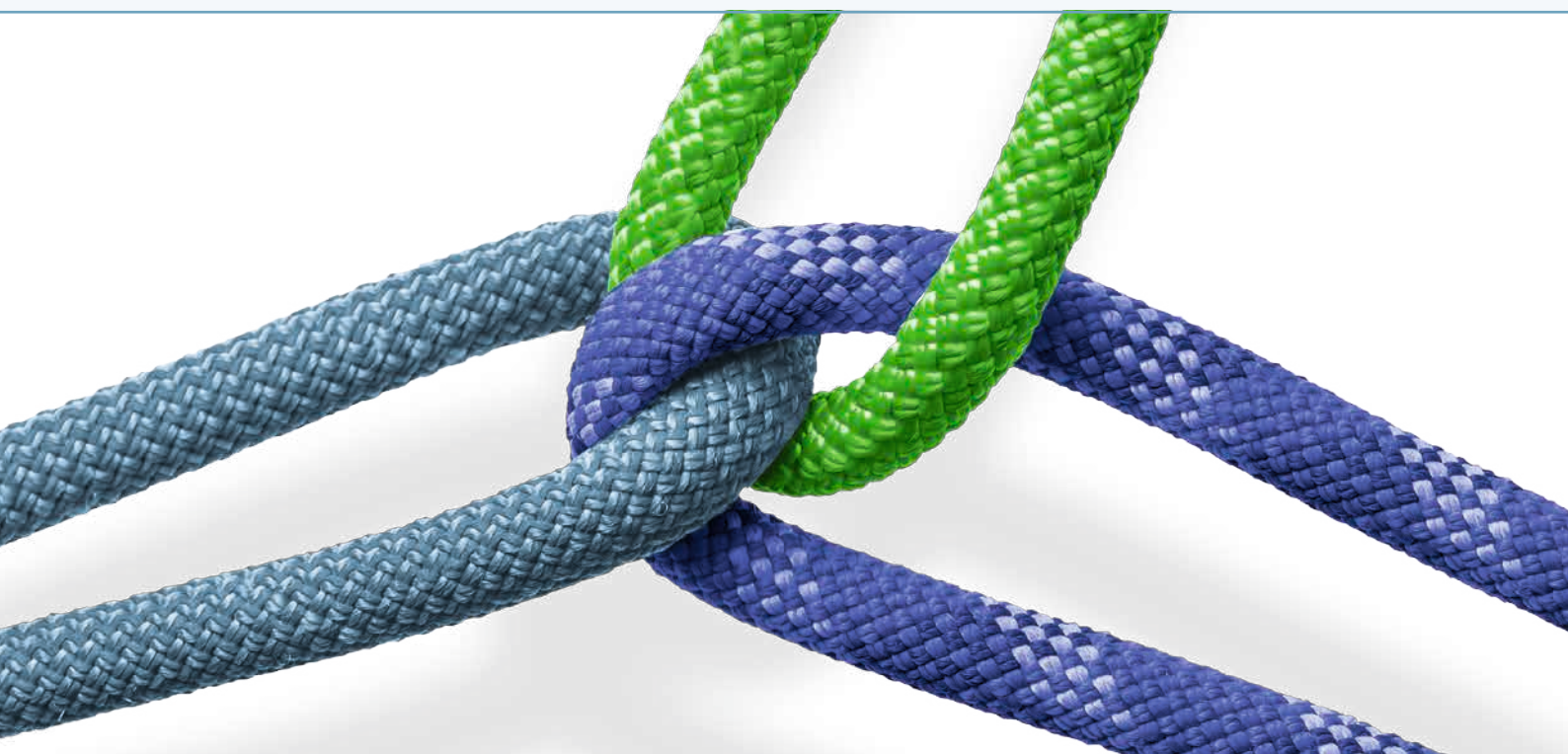
**Welding rod**  
Different types, profiles and  
colours

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## **BAK Technology AG**

Industriestrasse 6  
6064 Kerns/Switzerland

Tel. ++41 (0)41 661 22 50, Fax ++41 (0)41 661 22 51  
e-mail [info@bak-ag.com](mailto:info@bak-ag.com)