

WEICONLOCK[®] type selection chart

Adhesive FINDER

| A F | dhesive INDEF | com | WEICONLOCK [®] type selection chart | | | | | | | | | | | | | |
|--|----------------------|---|--|---|--|---|---------------------------|---|--------------------------|---|--|--|-----------------------------|---|--|---|
| W Grandwality * | Typ-No. | | ctogram | | ication | Colour | For threaded joints up to | Viscosity at +25°C in mPa.s Brookfield | Gap filling capacitiy | Breakaway strength Nm | Prevailing strength | Shear strength** Nmm² / (psi) | Handling strength at room | Final strength at room temperatur | Temperature resistance | *Strength values based on M 10 screws, 8.8 grade, thickness of nut 0,8.d ** Static shear strength based on cylindrical parts of about. Ø 13 mm, tolerance (D-d) = 0,05 |
| Marking-free | AN 301- | NEUU | | Threadlocking, approved to NSF ⁵ -/ | , | blue | M 36 | 2.000 - 8.000 mt | in mm max. 0,25 | (Thread*) 18 - 22 | Nm (Thread*) 9 - 11 | (DIN 54452) | temperature 5 -15 | 1 - 3 | °C / (°F) -60 to +150 | parts of about. Ø 13 mm, tolerance (D-d) = 0,05 mmm, I/d = 0,88 |
| NSF. | AN 301- | NEUL | | higher viscosity, me <u>disassembly with n</u> Threadlocking, approved to NSF⁵ | | green | M 25 | 500 - 900 nt | 0,15 | 25 - 35 | 40 - 50 | (1.450 - 1.885) | 5 - 15 | 5 - 10 | (-76 to + 302) -60 to +150 | |
| REPARSIO | AN 301- | NEUU | | high strength, hard Pipe and flange seal approved to NSF5-// high viscosity, mediu disassembly with no | ling (with PTFE) DVGW*2. | white | M 80 R 3" | 180.000 - 300.000 | 0,50 | 4 - 8 | 1 - 3 | (2.030 - 2.900) 2 - 6 (290 - 870) | 10 - 20 | 24 | -60 to + 302) -60 to +150 (-76 to + 302) | |
| | AN 301- | NEUU 72 | | disassembly with no high-temperature res Pipe and flange sea approved to NSF5- high viscosity, med | sistant, aling (with PTFE) -/DVGW*2, | white | M 80 R 3" | 15.000 - 60.000 ht | 0,30 | 5 - 10 | 4 - 6 | 5 - 7 (725 - 1.015) | 15 - 30 | 6 - 12 | -60 to +200 (-76 to + 392) | |
| | AN 301- | , all | | disassembly with n Retaining cylindrica approved to NSF ⁵ , | al assemblies, medium viscosity, | green | M 36 | 2.000 - 3.000 mt | 0,20 | 30 - 40 | 45 - 60 | 20 - 25 (2.900 - 3.625) | ca. 5 | 2 - 4 | -60 to +150 (-76 to + 302) | |
| 1. | AN 301- | | | high strength, hard Retaining cylindrica approved to NSF ⁵ -/ medium viscosity, h | al assemblies, /DVGW*², | green | M 20 R ¾" | 450 - 650 nt | 0,15 | 25 - 30 | 40 - 55 | 25- 30 (3.625 - 4.350) | 2 - 6 | 2 - 4 | -60 to +175 (-76 to + 347) | |
| Threadlocking | AN 302- | | | hard to disassembl Threadlocking, vibr low viscosity, low s | le ration-proof; | purple | M 12 | 125 | 0,10 | 7 - 10 | 3 - 6 | 4 - 7 (580 - 1.015) | 10 - 20 | 3 - 6 | -60 to +150 (-76 to + 302) | |
| Bolts and nuts Stud bolts | AN 302- | 00 | | easy disassembly Threadlocking, vibr medium viscosity, h | | purple | M 36 | 1.000 mt | 0,20 | 4 - 8 | 2 - 4 | 3 - 5 (435 - 725) | 10 - 20 | 3 - 6 | -60 to +150 (-76 to + 302) | |
| | AN 302- | | | easy disassembly Threadlocking, vibr approved to DVGW medium strength, c | /². medium viscositv. | transparent | M 20 R ¾" | 600 nt | 0,15 | 12 - 16 | 18 - 24 | 8 - 12 (1.160 - 1.740) | 10 - 20 | 3 - 6 | -60 to +150 (-76 to + 302) | |
| WEICON | LOCK AN 302- | | | normal tools Threadlocking; low viscosity, | | blue | M 12 | 125 nt | 0,10 | 10 - 15 | 12 - 16 | 8 - 12 (1.160 - 1.740) | 10 - 20 | ca. 3 | -60 to +150 (-76 to + 302) | |
| | AN 302- | | | normal tools Threadlocking; medium viscosity, r disassembly with n | | blue | M 36 | 1.000 mt | 0,20 | 14 - 18 | 5 - 8 | 8 - 12 (1.160 - 1.740) | 10 - 20 | 3 - 6 | -60 to +150 (-76 to + 302) | |
| nut Delt | AN 302- | -43 | | Universal threadloc approved to DVGW higher viscosity, me | cking type; /²/KTW1, edium strength, | blue | M 36 | 2.000 - 7.000 mt | 0,25 | 17 - 22 | 8 - 12 | 9 - 13 (1.305 - 1.885) | 10 - 20 | 1 - 3 | -60 to +150 (-76 to + 302) | |
| | AN 302- | -50 | | disassembly with n Locking of threads medium viscosity, h hard to disassembl | and stud bolts; high strength, | transparent | M 20 R ¾"- | 500 nt | 0,15 | 30 - 35 | 55 - 70 | 25 - 35 (3.625 - 5.075) | 2 - 5 | 2 - 4 | -60 to +175 (-76 to + 347) | 5 |
| | AN 302- | -60 | | Threadlocking for pa as stainless steel, all fast bonding without | assive materials such uminium, etc - t activator; medium | green | M 20 R ¾" | 700 - 1.000 nt | 0,15 | 30 - 35 | 55 - 70 | 25 - 35 (3.625 - 5.075) | 2 - 5 | 2 - 4 | -60 to +180 (-76 to + 356) | |
| | AN 302- | -62 | | | h, hard to disassemble gh strength, | red | M 36 | 1.500 - 6.500 mt | 0,25 | 20 - 25 | 40 - 55 | 10 - 15 (1.450 - 2.175) | 10 - 20 | 3 - 6 | -60 to +150 (-76 to + 302) | |
| | AN 302- | -70 | | Locking of threads medium viscosity, h | and stud bolts; high strength, | green | M 20 R ¾" | 500 nt | 0,15 | 28 - 35 | 50 - 65 | 15 - 20 (2.175 - 2.900) | 10 - 20 | 3 - 6 | -60 to +150 (-76 to + 302) | |
| | AN 302- | -71 | | Locking of threads medium viscosity, hard to disassembl | and stud bolts; high strength, | red | M 20 R ¾" | 500 nt | 0,15 | 28 - 35 | 50 - 65 | 15 - 20 (2.175 - 2.900) | 10 - 20 | 3 - 6 | -60 to +150 (-76 to + 302) | |
| | AN 302- | -72 | | Locking of threads high-temperature re viscosity, high strer | and stud bolts; esistant, higher | red | M 56 R ½" | 6.000 - 15.000 mt | 0,30 | 20 - 30 | 40 - 75 | 10 - 15 (1.450 - 2.175) | 20 - 40 | 5 - 10 | -60 to +230 (-76 to + 446) | |
| | AN 302- | -90 | | ting and sealing of low viscosity, high s | | green | M 5 kapillar | 10 - 20 | 0,07 | 15 - 25 | 30 - 40 | 8 - 12 (1.160 - 1.740) | 5 - 20 | ca. 3 | -60 to +150 (-76 to + 302) | |
| Sealing of thread pipes and fitting | | -25 | | disassemble | d pipes and fittings, h viscosity, | brown | M 80 R 3" | 6.000 - 30.000 mt | 0,30 | 5 - 8 | 2 - 4 | 3 - 5 (435 - 725) | 15 - 30 | 3 - 6 | -60 to +150 (-76 to + 302) | |
| Threaded connection Hydraulic and pneur | AN 302- | -45 | | Sealing of threaded | d pipes and fittings d connections; high strength, | blue | M 80 R 3" | 6.000 - 30.000 mt | 0,30 | 10 - 15 | 12 - 18 | 8 - 12 (1.160 - 1.740) | 15 - 30 | 3 - 6 | -60 to +150 (-76 to + 302) | |
| systems • Cooler and compress air systems | ed AN 302- | -75 | | Sealing of threadec for coarse threadec high viscosity, high | d pipes and fittings d parts and flanges; | green | M 80 R 3" | 14.000 - 24.000 mt | 0,30 | 40 - 50 | 40 - 50 | 15 - 25 (2.175 - 3.625) | 15 - 30 | 3 - 6 | -60 to +150 (-76 to + 302) | and the second se |
| WEICONLOCK | end AN 302- | -77 | | high viscosity, high | d parts and flanges; | red | M 36 | 6.000 | 0,25 | 30 - 40 | 10 - 15 | 35 - 45 (5.075 - 6.525) | 40 - 60 | 6 - 12 | -60 to +150 (-76 to + 302) | |
| | AN 302- | -80 | \sim | disassemble Sealing of threaded passive materials su aluminium, etc - fast activator, higher visc bard to disassemble | pipes and fittings for ich as stainless steel, t bonding without cosity, high strength, | green | M 36 | 3.000 - 6.000 mt | 0,20 | 35 - 45 | 50 - 70 | 20 - 30 (2.900 - 4.350) | 2 - 5 | 2 - 4 | -60 to +180 (-76 to + 356) | |
| pipe plug | AN 305 | .11 | | Sealing of threadec approved by DVGW viscosity, medium s | d pipes and fittings; V²/to KTW1, higher strength, | white | M 80 R 3" | 17.000 - 50.000 ht | 0,40 | 7 - 10 | 2 - 4 | 4 - 6 (580 - 870) | 20 - 40 | 5 - 10 | -60 to +150 (-76 to + 302) | |
| S S S S S S S S S S S S S S S S S S S | AN 305 | -42 | | disassembly with n Sealing of hydraulic systems, universal viscosity, medium s disassembly with n | c and pneumatic product; medium strength, | brown | M 20 R ¾" | 500 nt | 0,15 | 12 - 15 | 18 - 22 | 8 - 12 (1.160 - 1.740) | 10 - 20 | 2 - 4 | -60 to +150 (-76 to + 302) | |
| S B B B B B B B B B B B B B B B B B B B | AN 305- | -67 e | | Pipe and flange sea high viscosity, low s easy disassembly | aling (with PTFE) | white | M 80 R 3" | 170.000 - 410.000 | 0,50 | 3 - 5 | 2 - 4 | 6 - 8 (870 - 1.160) | 120 - 240 | 24 - 72 | -50 to +175 (-58 to + 347) | |
| | AN 305- | -72 | | Pipe and flange sea instant seal, appr. b high viscosity, med disassembly with n | by DVGW²/to KTW1; lium strength, | white | M 80 R 3" | 17.000 - 50.000 ht | 0,40 | 1 17 - 10 S | 2 - 4 | 4 - 6 (580 - 870) | 20 - 40 | 5 - 10 | -60 to +150 (-76 to + 302) | |
| | AN 305- | -77 | | Universal sealing ty fittings; BAM3 app oxygen, high viscos | /pe for pipes and proval for gaseous | yellow | M 80 R 3" | 24.000 - 70.000 ht | 0,50 | 18 - 22 | 10 - 14 | 6 - 13 (870 - 1.885) | 15 - 30 | 1 - 3 | -60 to +150 (-76 to + 302) | |
| | AN 305- | -86 | | Pipe sealing, extra higher viscosity, ha | strong | red | M 56 R 2" | 6.000 - 7.000 nt | 0,30 | 15 - 30 | 25 - 45 | 10 - 20 (1.450 - 2.900) | 60 - 90 | 12 - 24 | -60 to +150 (-76 to + 302) | |
| Retaining cylindrical assemblies | AN 306- | -00 | | Retaining cylindrica low viscosity, high s hard to disassembl | strength, | transparent | M 20 R ¾" | 500 nt | 0,15 | 30 - 35 | 55 - 70 | 25 - 35 (3.625 - 5.075) | 2 - 5 | 2 - 4 | -60 to +175 (-76 to + 347) | |
| Shaft / hub-connection Coupling hubs, pulling hubs, pulling hubs, pulling hubs, hubs | | -01 | | Retaining cylindrica low viscosity, high s hard to disassembl | strength, | green | M 12 | 125 nt | 0,10 | 25 - 30 | 50 - 60 | 15 - 18 (2.175 - 2.610) | 10 - 20 | 2 - 4 | -60 to +150 (-76 to + 302) | |
| bearings • Cylindrical parts; slip- press- or shrunk-fitter | AN 306- | | | Retaining cylindrica low viscosity, high s hard to disassembl | strength, le | green | M 12 | 125 nt | 0,10 | 25 - 30 | 50 - 60 | 15 - 18 (2.175 - 2.610) | 10 - 20 | 2 - 4 | -60 to +150 (-76 to + 302) | |
| WEICONLOCK | AN 306- | -10 | | Retaining cylindrica passive materials s steel, aluminium, et without activator; n high strength, hard Retaining cylindrica | to disassemblice | green | M 20 R ¾" | 700 - 1.000 nt | 0,15 | 30 - 35 | 55 - 70 | 25 - 35 (3.625 - 5.075) | 2 - 5 | 2 - 4 | -60 to +180 (-76 to + 356) | - WE |
| shaft | AN 306 | -20 | | approved by DVGW temperature resista high strength, hard | V2/to KTW1, high- ant; higher viscosity, to disassemble | green | M 56 R 2" | 3.000 - 6.000 nt | 0,20 | 28 - 36 | 40 - 55 | 15 - 25 (2.175 - 3.625) | 20 - 40 | ca. 24 | -60 to +200 (-76 to + 392) | |
| | AN 306- | -30 | | aluminium, etc - fast activator; higher visc hard to disassemble Retaining cylindrica | assemblies, for ich as stainless steel, t bonding without cosity, high strength, al assemblies under | green | M 36 | 3.000 - 6.000 mt | 0,20 | 35 - 45 | 50 - 70 | 20 - 30 (2.900 - 4.350) | 2 - 5 | 2 - 4 | -60 to +180 (-76 to + 356) | |
| | AN 306- | -38 | | high dynamical stre medium viscosity, h to disassemble Retaining cylindrica | ess, fast-curing; high strength, hard al assemblies, | green | M 36 | 2.500 mt | 0,20 | 35 - 45 | 50 - 70 | 25 - 30 (3.625 - 4.350) | ca. 5 | 1 - 3 | -60 to +150 (-76 to + 302) | |
| | AN 306- | -40 (| | high-temperature re slow-curing; mediu strength, hard to di Retaining cylindrica | esistant, ım viscosity, high <u>isassemble</u> | green | M 20 | 600 nt | 0,15 | 20 - 30 | 30 - 40 | 15 - 30 (2.175 - 4.350) | ca. 240 | ca. 24 | -60 to +200 (-76 to + 392) | |
| | AN 306- | | | medium viscosity, r disassembly with n Retaining cylindrica | medium strength, normal tools al assemblies, | yellow | M 20 | 550 nt | 0,12 | 12 - 15 | 17 - 22 | 8 - 12 (1.160 - 1.740) | 10 - 20 | 3 - 6 | -60 to +150 (-76 to + 302) | |
| | AN 306- | | | high-temperature re viscosity, high strer hard to disassembl Retaining cylindrica | ngth, le al assemblies, | green | M 20 | 550 nt | 0,15 | 30 - 35 | 55 - 70 | 25 - 35 (3.625 - 5.075) 25 - 35 | ca. 5 | 2 - 4 | -60 to +175 (-76 to + 347) | |
| | AN 306 | | | medium viscosity,m disassembly with n Assembly of cylindrii repair of worn out be | nedium strength, normal tools ical parts; ideal for earings, bushes and | | M 36 R 1½" | 2.500 - 3.000 mt | 0,20 | 35 - 45 | 55 - 70 | 25 - 35 (3.625 - 5.075) 25 - 30 | 2 - 5 | 2 - 4 | -60 to +150 (-76 to + 302) -60 to +150 | |
| Florens | AN 306 | | | repair of worn out be damaged seats of br larger gaps up to 0,5 high strength, hard to Gasketing of flange motor housings, hig | earings as well as for 5 mm. high viscosity, to disassemble es, gearboxes and | silver | R 2" | 150.000 - 900.000 ht | 0,50 | 35 - 45 | 10 - 20 | 25 - 30 (3.625 - 4.350) 5 - 10 | 15 - 30 | 3 - 6 | -60 to +150 (-76 to + 302) -60 to +200 | |
| Flange sealing gasketing • Flanges • Cases | | | | motor housings, hig resistant; high visco hard to disassembl Flange sealing and large gap-filling witl | osity, high strength, le gasketing, | orange | Art | 70.000 - 300.000 ht | 0,50 | 18 - 25 | 15 - 25 | 5 - 10 (725 - 1.450) 8 - 13 | 15 - 30 | 6 - 12 | -60 to +200 (-76 to + 392) -60 to +200 | |
| • <u>C</u> ases • Lids | AN 305 | | | high viscosity, high hard to disassembl Pipe and flange sea instant seal, appr. b | strength, le aling (with PTFE), by DVGW²/to KTW1; | red | M 20 D 2" | 80.000 - 500.000 ht | 0,50 | 12 - 18 | 18 - 24 | (1.160 - 1.885) 4 - 6 | 10 - 20 | 3 - 6 | (-76 to + 392) -60 to +150 | |
| Flange | AN 305 | | | high viscosity medi disassembly with n Gasketing of flange motor housings, ela | ium strength, iormal tools es, gearboxes and astic; | white | M 80 R 3" | 17.000 - 50.000 ht | 0,40 | 7 - 10 | 2 - 4 | (580 - 870) 4 - 6 | 20 - 40 | 5 - 10 | (-76 to + 302) -60 to +150 | |
| | AN 305 | | | high viscosity, low s easy disassembly Gasketing of flanges motor housings, univ high-temperature res | strength, s, gearboxes and versal type, sistant: | light green | | 17.000 - 50.000 ht 30.000 - 100.000 ht | 0,30 | 6 - 10 | 2 - 5 5 - 10 | (580 - 870) 5 - 10 | 20 - 40 | ca. 12 | (-76 to + 302) -60 to +180 | |
| Recommende | AN 305- | | | high-temperature res high viscosity, high s hard to disassemble | sistant: | orange | Application | | 0,50 | | 5 - 10 ntent | (725 - 1.450) Colour | 15 - 30 Odour | ca. 12 | (-76 to + 356) | |
| additional products | | Thread Sealing Cord DF 175 Plast-o-Seal® Surface Cleaner Sealant and Adhesive Remover | | | For permanent and safe sealing of almost all metal- and plastic threads. | | | | | | Mastic can 175 m 90g 120g 300g | | no odour | | _ | |
| It = low thixotrope mt = medium thixotrope ht = high thixotrope | Plast-o- | | | | | For sealing the smoothly treated flanges of machine, gearbox and motor casing flanges. Improves the performance of both old and new gaskets. | | | | | | | | 0berfläc | | |
| ¹ KTW test (Technologiezentrum W TZW Karlsruhe) for use in drinking water supply systems ² DVGW Certificate for use in gas s and hot water systems ³ BAM Approval (Bundes as ta | | | | | For cleaning and degreasing of surfaces to be joined or sealed with WEICON adhesives and sealants. Removes residues of cured sealants and adhesives as well as oil, charcoal, lacquers and paints. | | | | | | 0 ml 0 ml | colourless | | Reinic | er Dicht- und Klebstoff-Entfe | |
| ³ BAM Approval (Bundesansta Materialforschung und -prüfung BA/ TgbNo. 4045/96 - II 2402 for ga oxygen up to max. +60°C operating temperature and 10 bar oxygen pressure). | Remove | | | | | | | | | 40 | 0 ml | milky | solvent | | | |
| We do not recommend WEICONLOG long-term use on connections of c and its alloys if exposed to water of than +40°C. All recommendations and technical da based on laboratory tests and extensi | Activato Activato | Activator F Spray Activator F liquid | | | For activating passive surfaces, like e.g. aluminium, stainless steel, zinc, chrome, etc. as well as in case of low ambient temperatures (less than +10°C) and for large gaps. | | | | | | 0 ml 00 ml | turquoise | solvent | | | Aktivator F |
| based on laboratory tests and extensi periences by users. They have been co with greatest care but we take no wa of any kind and accept no liability f results obtained. | npiled | | | | | Waterproof skin protection, protects against contaminants and irritants from aggressive chemical substances. Dermatologically tested, contains antibacterial agents. | | | | | 0 ml | white | solvent | For | An can be the second se | Activator F |
| (Headquarters) | | | | 55 · DE-48157 Münster | | Steckle Place · Unit 20 Jebel Ali Ind Area 3 Str. Depozitelor 22 hener · Ontario N2E 2C3 · Canada P.O. Box 118 216 · Dubai 540240 Targu Mures, jud. Mu ne (519) 896 5252 United Arab Emirates phone + 40 (0) 3 65 / 730 763 | | | | ures Romania | 34530 Yenibosna – Istanbul Turkey | | Capricorn Drive · Capricorn | t No. D1 · Enterprise Village pricorn Drive · Capricorn Park zenberg 7945 (Cape Town) | | Art-No. 30700203 With liposomes Art-No. 11850200 |
| d hr | | | | phone (519) 896 5252 info@weicon.ca | | phone +971 4 8 info@weicon.ae | 80 25 05 office@ | + 40 (0) 3 65 / 730 76 weicon.com | | phone +90 (0) 212 465 info@weicon.biz.tr | 5 33 65 | Nulzenberg 7945 (Cape Tor South Africa phone +27 (0)21 709 0088 info@weicon.co.za | L | HECK GRAVE & CE. N. D. Altist Monter - 1 | - 40 (40) / 11850200 | |