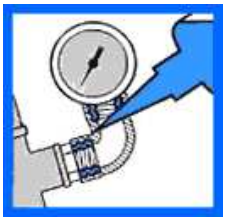
THREADSEALING

To seal and lock threaded connections against pressure of gas, air, water, oils, hydrocarbons and many chemicals. They are heating and vibrations resistant, replace yarn and P.T.F.E. tapes.



PRODUCT	Classof locking *	Max. diameter of thread	Max. gap filling	Viscosity 25°C mPa.s (LT - MT - HT)	Color **	Curing time		Locking torque N.m		Shear strenght N/mm²	Temperature range (°C)
						handling (minutes)	functional (hours)	breakaway	prevailing		
18-10	1	M80 - 3-1/8"	0,30mm - .012"	17000 - 50000 HT	White	20 - 40	1 - 3	7 - 10	2 - 4	4 - 6	-55 +150
53-14	2	M20 - 25/32"	0,15mm - .006"	500 LT	Brown/F	10 - 20	1 - 3	12 - 16	18 - 24	8 - 12	-55 +150
55-37	2	M38 - 1-1/2"	0,25mm - .010"	2500 - 4000 MT	Red/F	15 - 30	1 - 3	18 - 22	18 - 22	10 - 14	-55 +200
58-11	2	M80 - 3-5/32"	0,50mm - .020"	24000 - 70000 HT	Yellow/F	15 - 30	1 - 3	18 - 22	10 - 14	6 - 13	-55 +150
83-50	3	M25 - 1"	0,20mm - .008"	400 -600 LT	Blue	2 - 5	1 - 3	35 - 40	55 - 70	25 - 35	-55 +200

LEGEND

CLASS OF LOCKING:
1- Low, easy to dismantle
2- Medium, possible to dismantle
3- High, permanent locking

VISCOSITY BROOKFIELD:
HT- High thixotropy
MT- Medium thixotropy
LT- Low thixotropy

LOCKING TORQUE:
Bolt M10 x 20
Quality 8,8
Nut = 0,8d

COLOR:
F = Fluorescent under blue light

SUGGESTED APPLICATIONS

18-10 Anaerobic adhesive for sealing of metal thread pipe joints. Replaces PTFE tape and yarn, gives instant sealing against moderate pressure, gives elastic cured film. Lubricating effect on screwing. Low friction coefficient will assure easy assembly. Thixotropic property prevents migration from thread of the sealant before or during curing. Shocks and vibrations resistant. Easy dismantling is assured even after years. Approvals for natural gas and LP gas in vapour state USA and Canada: certified by CSA according to Requirements 4.90 and CAN/ULCS 642-M87; from -62° F to +300° F at max pressure 300 PSI (20 Bars) up to 2" pipe. Europe: according to norm EN751-1 approved by DIN-DVGW NG 5146AR0574 from -20° C to +150° C up to 2" pipe. Australia: approved AGA n.5048 up to 10 Bars and 2" pipe. Approved for potable water by DVGW according to German regulation TZW by CSA USA according to NSF 61-6.

53-14 Medium strenght sealing hydraulic and pneumatics threads connectors up to 3/4". To replace PTFE. tapes in the sealing of gases, water, LPG, hydrocarbons, oils and other chemicals. Easy to dismantle with standard tools. Highly resistant to heat, corrosion, shocks and vibrations. DIN-DVGW APPROVED FOR GAS.

55-37 Medium strenght anaerobic sealant for threads connectors up to 1-1/2", suitable for copper and brass fittings assemblies. To be used in the sealing of gases, water, LPG, hydrocarbons, oils and other chemicals. Cured sealant forms elastic films highly resistant to vibrations and shocks. Retains sealant properties up to 200° C. Approved for potable water (according to Circolare Ministero della Sanità 102/78). DIN-DVGW APPROVED FOR GAS.

58-11 Anaerobic curing adhesive for the sealing of thread joints. Low screwing friction. Approved for Gas (DVGW, DIN-EN 751-1), high pressure gas and GLP (Australian Gas Association - Approval n.5048) for working pressure up to 26 Bars. Approved for use with gaseous oxygen up to 10 Bars and 60°C (BAM 1432/95 4-755). approved for potable water (WRC). Replaces PTFE tape and yarn, gives instant sealing against moderate pressure. Seals against gas, water, LPG, hydrocarbons, oils and other chemicals. Thixotropic property prevents migration from thread of the sealant before or during curing. Shocks and vibrations resistant.

83-50 Fast curing high strenght anaerobic adhesive for locking and sealing threads and retaining of cylindrical components. Highly resistant to high temperature (up to 200°C), heat, corrosion, vibrations, water, gases, oils, hydrocarbons and many chemicals; it gives highest torque strenght on yellow brass, nickel and chrome plated brass. It meets requirements of EN 751-1 as threadsealant for gas.