



*** * * CERTIFICADO DE CALIDAD * * ***

Por este conducto, certificamos que el material listado a continuación cumple con las normas mecánicas y químicas siguientes:

CODIGO	No. COLADA	CANTIDAD	DESCRIPCIÓN
RB11032025	JL9	150	Red. Bushing Rosc. A/C 3000 Lbs 1-1/4" X 1"
CR13038019	980104	30	Cople Red. S.W. A/C 3000 Lbs 1-1/2" x 3/4"
CR13051019	JL9	60	Cople Red. S.W. A/C 3000 Lbs 2" X 3/4"
CO12019	JL9	200	Cople Rosc. A/C 6000 Lbs 3/4"
CR11025013	JL9	220	Cople Red. Rosc. A/C 3000 Lbs 1" x 1/2"
CO13019	JN9	100	Cople S.W. A/C 3000 Lbs 3/4"
CO13032	990420	70	Cople S.W. A/C 3000 Lbs 2" x 1-1/4"
CO13038	JN9	90	Cople S.W. A/C 3000 Lbs 1-1/2"
CO13051	990420	40	Cople S.W. A/C 3000 Lbs 2"
CR11010006	971101	90	Cople Red. Rosc. A/C 3000 Lbs 3/8" x 1/4"
CR11019013	971101	100	Cople Red. Rosc. A/C 3000 Lbs 3/4" X 1/2"
CR11025006	980814	80	Cople Red. Rosc. A/C 3000 Lbs 1" X 1/2"
CR11025019	JN9	60	Cople Red. Rosc. A/C 3000 Lbs 1" X 3/4"
CR13025019	JN9	15	Cople Red. S.W. A/C 3000 Lbs 1" x 3/4"
CR13038025	JL9	30	Cople Red. S.W. A/C 3000 Lbs 1-1/2" x 1"
RB11051013	980104	100	Red. Bushing Rosc. A/C 3000 Lbs 2" x 1/2"
CO11102	AG9	30	Cople Rosc. A/C 3000 Lbs 4"
RB11051019	JL9	50	Red. Bushing Rosc. A/C 3000 Lbs 2" X 3/4"
CR11051038	JN9	30	Cople Red. Rosc. A/C 3000 Lbs 2" x 1/2"
RB11051025	JL9	200	Red. Bushing Rosc. A/C 3000 Lbs 2" X 1"
TMH11076	JL9	20	Tapon Macho Hex. Rosc. A/C 3000 Lbs 3"

CARACTERISTICAS MECÁNICAS

CODIGO	ASTM	ESFUERZO TENSION		ESFUERZO SEDENCIA		% ELONG		% RED. ÁREA	
		Norma		Norma		Min		Min	
RB11032025	A-105	70,000	PSI 72,000	36,000	PSI 36,045	22.0	22.4	30.0	31.1
CR13038019	A-105	70,000	PSI 71,080	36,000	PSI 36,020	22.0	22.1	30.0	30.2
CR13051019	A-105	70,000	PSI 70,010	36,000	PSI 36,005	22.0	21.8	30.0	31.3
CO12019	A-105	70,000	PSI 71,080	36,000	PSI 36,020	22.0	22.1	30.0	30.2
CR11025013	A-105	70,000	PSI 71,080	36,000	PSI 36,020	22.0	22.1	30.0	30.2
CO13019	A-105	70,000	PSI 71,080	36,000	PSI 36,020	22.0	22.1	30.0	30.2
CO13032	A-105	70,000	PSI 71,080	36,000	PSI 36,020	22.0	22.1	30.0	30.2
CO13038	A-105	70,000	PSI 70,010	36,000	PSI 36,005	22.0	21.8	30.0	31.3
CO13051	A-105	70,000	PSI 71,200	36,000	PSI 36,095	22.0	22.1	30.0	30.2
CR11010006	A-105	70,000	PSI 71,200	36,000	PSI 36,095	22.0	22.1	30.0	30.2
CR11019013	A-105	70,000	PSI 72,000	36,000	PSI 36,045	22.0	22.4	30.0	31.1
CR11025006	A-105	70,000	PSI 72,000	36,000	PSI 36,045	22.0	22.4	30.0	31.1
CR11025019	A-105	70,000	PSI 72,000	36,000	PSI 36,100	22.0	22.8	30.0	30.4
CR13025019	A-105	70,000	PSI 72,100	36,000	PSI 36,400	22.0	24.0	30.0	33.1
CR13038025	A-105	70,000	PSI 72,100	36,000	PSI 36,400	22.0	24.0	30.0	33.1
RB11051013	A-105	70,000	PSI 72,848	36,000	PSI 36,400	22.0	23.3	30.0	31.2
CO11102	A-105	70,000	PSI 72,848	36,000	PSI 36,400	22.0	23.3	30.0	31.2
RB11051019	A-105	70,000	PSI 73,200	36,000	PSI 36,900	22.0	22.4	30.0	30.6
CR11051038	A-105	70,000	PSI 72,820	36,000	PSI 36,000	22.0	23.9	30.0	31.6
RB11051025	A-105	70,000	PSI 74,815	36,000	PSI 46,815	22.0	34.5	30.0	30.2
TMH11076	A-105	70,000	PSI 74,869	36,000	PSI 47,024	22.0	34.5	30.0	30.2