WHY CHOOSE **UNIMAX** **UNITARY** LINESETS

HMAX
QUALITY HVAC ACCESSORIES

1. Insulated
UL approved closed cell elastomeric foam

2. ASTM Copper
The copper tube is extruded according to ASTM standards

3. Suited to Job Needs
Offered in multiple configurations and lengths (suction line and liquid line) to suit the the needs of any job

4. Quality Above All
The highest quality for unitary system applications

UNIMAX
FROM HMAX

UNIMAX linesets are manufactured to the highest quality thereby creating one of the most reliable linesets for unitary system applications. Offered in multiple configurations and lengths (suction line and liquid line) to suit the the needs of any job. The copper tube is extruded according to ASTM standards and insulated with UL approved closed cell elastomeric foam. Custom lengths available upon request.

Product certifications available upon request.

SINGLE-PIPE COILS ORDERING GUIDE

Part Number	Liquid Line	Suction Line	Insulation Thickness	Roll Length
UNIMAX-38X58-38-25	3/8″	5/8″	3/8"	25′
UNIMAX-38X58-38-50	3/8″	5/8″	3/8"	50′
UNIMAX-38X34-38-25	3/8″	3/4″	3/8"	25′
UNIMAX-38X34-38-50	3/8″	3/4″	3/8"	50′
UNIMAX-38X78-38-25	3/8″	7/8″	3/8"	25′
UNIMAX-38X78-38-50	3/8″	7/8″	3/8"	50′
UNIMAX-38X58-12-25	3/8″	5/8″	1/2"	25′
UNIMAX-38X58-12-50	3/8″	5/8″	1/2"	50′
UNIMAX-38X34-12-25	3/8″	3/4″	1/2"	25′
UNIMAX-38X34-12-50	3/8″	3/4″	1/2"	50′
UNIMAX-38X78-12-25	3/8″	7/8″	1/2"	25′
UNIMAX-38X78-12-50	3/8″	7/8″	1/2"	50′
UNIMAX-38X58-34-25	3/8″	5/8″	3/4"	25′
UNIMAX-38X58-34-50	3/8″	5/8″	3/4"	50′
UNIMAX-38X34-34-25	3/8″	3/4″	3/4"	25′
UNIMAX-38X34-34-50	3/8″	3/4″	3/4"	50′
UNIMAX-38X78-34-25	3/8″	7/8″	3/4"	25′
UNIMAX-38X78-34-50	3/8″	7/8″	3/4"	50′

UNIMAX INSULATION | TECHNICAL DATA			
Specification	**Index**	**Test Method**	
Material	NBR	-	-
Cell structure	Closed Cell	-	-
Density (kg/m3)	50 – 80 kg/m3	ASTM C 302:1995 ASTM D 3575-91	BS EN 1602:2013 UL746A
Thermal conductivity "K" at 35°C mean temp.	0.033 W/m-K	ASTM C 518	BS 874 1986
Temperature limits (°C) - Consult Sales for applications with temp. below -40°C & higher than +120°C	-40°C to +120°C	ASTM C 534	-
Thermal stability % shrinkage	2.54 (7 days at 105°C)	ASTM D 3575-91	-
Flexibility	Excellent	ASTM D 1056-85	-
Water absorption	2.98	ASTM D 3575-91	-
Water vapor permeability (perm/max)	0.00 Perm - in	ASTM E96/96M	Meets the req. of table 1 of BS 5422:2009
Water vapor diffusion resistance factor "μ"	>7300	BS EN 12086	-
Storage life	Self-adhesive & facing: sheets/rolls/tubes/tapes	1 Year	Store in dry, clean & ventilated space
REACTION TO FIRE			
Flammability	Self-Extinguishing V-0 5VB	ASTM D 635-91 UL94	-
Fire Rating	Class O, Class 1 25/50 Rated	BS 476 PART 6 & 7 ASTM E 84	UL 723
Average time of burning	Less than 4 sec.	ASTM D 1149	-
Average extend of burning	15 min.	-	-
ENVIRONMENTAL			
Global Warming Potential (GWP) Ozone Depletion Potential (ODP) resistance to ozone	Excellent	ASTM D 1149	ASTM D 1171
Resistance to weather & UV rays	Excellent	ASTM G 154 ASTM G 155	ASTM G 23
Resistance to fungi/mildew	No Fungal Growth	ASTM G 21	ASTM C 1338
Resistance to bacteria	Negligible	ISO 22196	ASTM E 2180
Resistance to corrosion	pH Neutral	ASTM C 692	EN 13468
Dust, fibers & asbestos	Free	EPA 600	-
Chlorofluorocarbon (CFC) & Hydro-Chlorofluorocarbon (HCFC)	Free	GC – MS	-
Odor	Negligible	SAE J1351	-
Resistance to chemicals	Excellent	ASTM C 871	-
Leachable chlorides	<0.05 (Water-Soluble Chloride Ions)	ASTM C 692 DIN 1988	EN 13468
Emission (VOC) Volatile Organic Compounds	Very Low (<6μg/m3)	ASTM D 5116	-
Reduction of Hazardous Substances (ROHS)	ND	ICP-OES	IEC 62321-B
ACOUSTIC PROPERTIES			
Sound absorption coefficients frequency (Hz) 1/2" (13 mm) 1" (25 mm) 2" (50 mm)	NRC = 0.38 NRC = 0.49 NRC = 0.55	ASTM C 423	-
Sound transmission class	6 (Insulation) 38 (Insulation adhered to steel duct)	ASTM E-90	-

SUBMITTAL DATA SHEET | UNIMAX LINESETS			
Job Name	**Location**		
Purchaser	**Engineer**		
Submitted To	**Reference**	**Approval**	**Construction**
Submitted By	☐	☐	☐
Unit Designation	**Schedule**		
Construction	**Date**		