STAINLESS STEEL MESH

Our knitted mesh cables and tapes are used in a variety of products and applications. Our cables and hollow mesh provide compressive strength as the fill in the bulb or tail of high temperature industrial and commercial gaskets. Our tapes are widely used to provide EMI/RFI shielding for electronic enclosures, and in combination with silicone gels to offer an additional environmental seal.

Hollow mesh be used in combination with Silco Sleeve firesleeve or directly to provide high temperature abrasion protection for cables and hoses. Silco Steel® combines the flexibility and strength of a steel mesh core with a silicone coating for sealing and molten splash protection.

Merging two of our core engineering compentencies, textile engineering and materials science, we have combined knitted metal mesh structures with other high temperature textiles to form seals and gaskets, in unique and demanding designs.

KNITTED STAINLESS STEEL PRODUCTS

MATERIALS
Type 304 stainless steel

AVAILABLE CONSTRUCTION OPTIONS
Knitted

MAXIMUM CONTINUOUS TEMPERATURE
1600°F (871°C), Silco Steel: 500°F (260°C)

SIZE RANGE
Hollow: 1/4" - 3/4" (6.4mm - 19.1mm)
Solid: 1/4" - 1-1/2" (6.4mm - 38mm)

AVAILABLE OPTIONS
Special bulk packaging to maximize productivity and minimize waste
Inconel® and Monel Stainless Steel
Silicone Coating (Silco Steel)
Mesh Tape available. Call Davlyn for details.

TYPICAL INDUSTRIES
OEM, Boilers, Commercial/Industrial Ovens, Hose Fabrication

DAVLYN KNITTED STAINLESS STEEL MESH			
Nominal Diameter		DAVLYN Part Number	
in.	mm	SOLID MESH CABLE	HOLLOW MESH
1/4	6.4	W-E14770-04-00	W-E17740-04-00
5/16	7.5	W-E14770-05-00	N/A
3/8	9.6	W-E14770-06-00	W-E17740-06-00
1/2	12.7	W-E14770-08-00	W-E17740-08-00
5/8	15.9	W-E14770-10-00	W-E17740-10-00
3/4	19.1	W-E14770-12-00	W-E17740-12-00
7/8	22.2	W-E14770-14-00	N/A
1	25.4	W-E14770-16-00	N/A
1-1/8	28	W-E14770-18-00	N/A
1-1/4	32	W-E14770-20-00	N/A
1-3/8	35	W-E14770-22-00	N/A
1-1/2	38	W-E14770-24-00	N/A