

**KANSAS DEPARTMENT OF TRANSPORTATION  
 SPECIAL PROVISION TO THE  
 STANDARD SPECIFICATIONS, EDITION 2007**

**SECTION 1721**

**FABRIC TROUGH**

**Page 1700-31. Delete subsection 1721.1 and replace with the following:**

This specification covers a material to be installed as a trough below the finger type and sliding plate type expansion joints (or for other applications as shown in the Contract Documents) to carry drainage off the bridge, and prevent saltwater and debris from running down on other bridge members.

**Page 1700-31, subsection 1721.2. Delete TABLE 1721-1: REQUIREMENTS FOR FABRIC TROUGH and replace with the following:**

<b>TABLE 1721-1: REQUIREMENTS FOR FABRIC TROUGH</b>		
<b>PROPERTY</b>	<b>REQUIREMENT</b>	<b>ASTM TEST METHOD</b>
Thickness (mm)	3 to 5	
Mass (g/sq m minimum)	3560	
Durometer Hardness (Shore A)	50A to 75A	D 2240
Low Temperature Brittleness (22 hrs. @ -29°C, then wrapped around a 75 mm diameter mandrel)	No Cracks	
Tensile Strength, kg/25 mm minimum, both directions	363	D 412
Elongation, %, maximum	35	D 412
Tear (Die C), kg/25 mm minimum	55	D 624
Ozone Resistance (100 hours of exposure of 20% elongated samples @ 38°C and 100 PPHM ozone.)	No Cracks	D 1149

05-09-11 BD(BS) (JPJ)  
 Aug-11 Letting